EMIST and DRUGGIST SEPTEMBER 12, 1942

The
HEMIST AND DRUGGIST
or RETAILER - WHOLESALER - MANUFACTURER

hed 1859 28 Essex Street, Strand, London, W.C.2 Registered as a Newspaper

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XXXVIII SEPTEMBER 12, 1942 Annual Subscription (with Diary) 25/-. Single Copies 9d.

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BRAND COUGH SYRUP
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BRAND THROAT LOZENGES

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ESTABLISHED 1870

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A

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Single Dose, 2d.

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(*continued overleaf*)

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SEROCALCIN PREVENTS COLDS

HARWOODS LABORATORIES, LTD., RICKMANSWORTH ROAD, WATFORD, HERTS.

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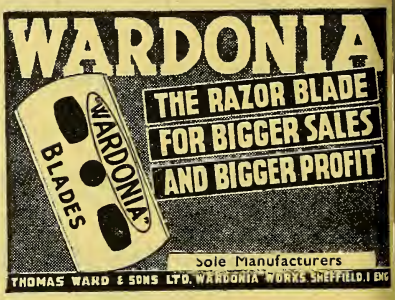

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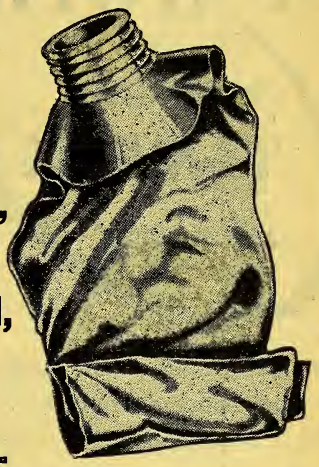

Take these steps now!

1. Each time you sell any tube product ask for the old tube (and any others the customer may have) to be returned.
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MRT 3-285

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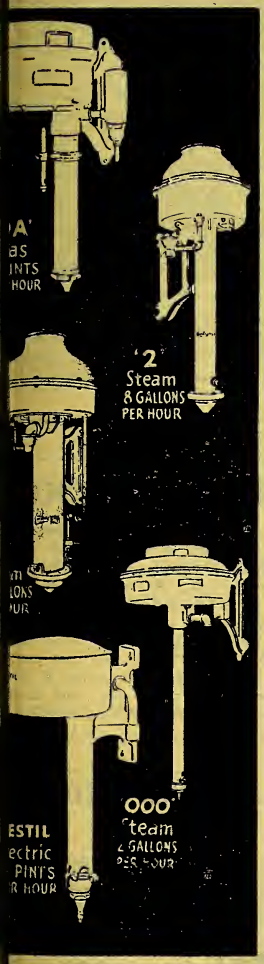

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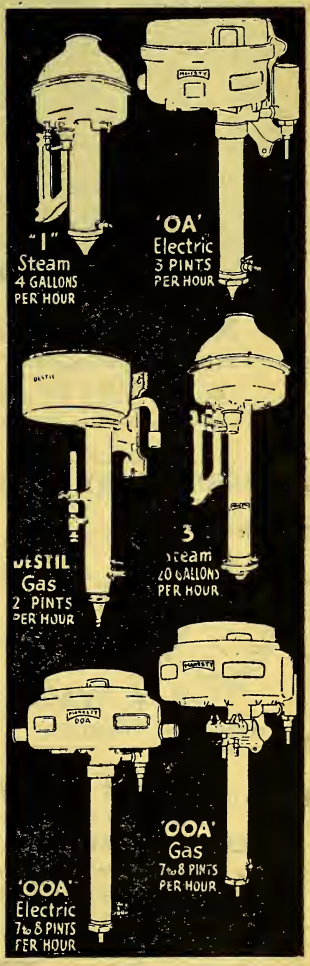

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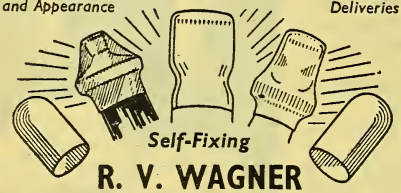

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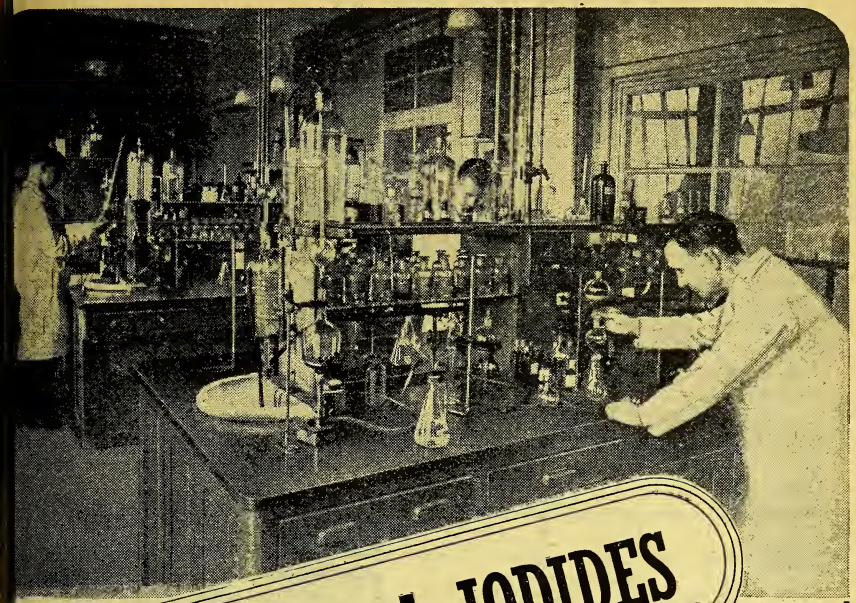

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Sodium Carbonate Monohydrate Crystals 6d. lb.; 2-cwt. bags, 4d. lb.
Mercury 18/- lb.
Soapless Shampoo Envelopes 4/- hundred
1-oz. Face-powder Boxes 36/- gross
Talcum Boxes 72/- gross
2-oz. Amber Glass Jars (black enamel caps) 36/- gross
Bath Salt Colours (green, violet, orange, pink) 2/- oz.
Brilliantine Colours (yellow, orange, pink) 2/- oz.
Nail Varnish Colours
rose, 30/- lb.; pink, 24/- lb.; rust, crimson, natural, 18/- lb.
Glycerine substitute 20/- gallon, can 2/6
Gum Tragacanth B.P. 15/- lb.
Gum Tragacanth B.P., super quality 24/- lb.

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NERVE STRAIN. DEPRESSION. TIRED AND LISTLESS APPEARANC MENTAL AND PHYSICAL EXHAUSTI

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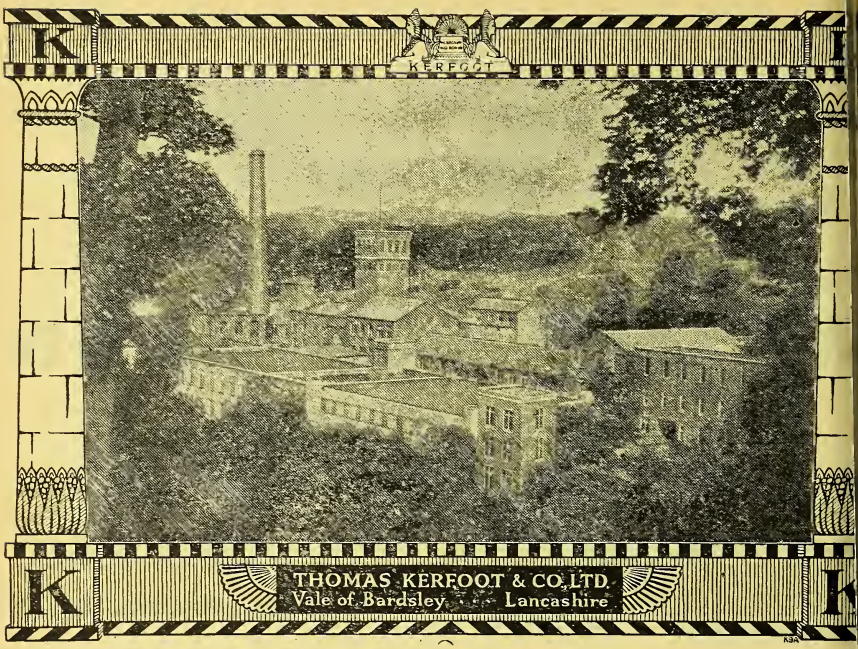

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BRAND

ACTIVATED CHARCOAL TABLETS

Formula:

Activated Charcoal	3 grains
Bismuth Tribromphenate	$1\frac{1}{2}$ grains
Ext. Rhei Sicc.	$\frac{1}{1000}$ grain
Excipient q.s. to	$7\frac{1}{2}$ grains

Indications:

All conditions due to alimentary intoxication, whether bacterial or chemical
Severe gastro-intestinal disturbances
Flatulent dyspepsia
Intestinal distension
Poisoning arising from food, vegetable and inorganic poisons
Gastro-enteritis
Diarrhœa and dysentery

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FERRAEMIA

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FOR ANAEMIA

Formula:

Ferrous Sulph. Exsicc.	$2\frac{3}{4}$ grains
Dried Yeast	2 grains
Copper Sulphate	$\frac{1}{100}$ grain
Manganese Hypophos.	$\frac{1}{12}$ grain
Excipient	$\frac{1}{1024}$ grain
Chocolate coating q.s. to	$8\frac{1}{2}$ grains

Indications:

Haemorrhagic Anaemia, Acute and Chronic
Anaemia of Pregnancy
Nutritional Anaemia
Idiopathic Hypochromic Anaemia
As a tonic during convalescence and debilitated conditions

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NEWS OF THE WEEK

ccharin Order Amended.—Article 2 of Saccharin (Control and Maximum es) Order, 1941, has been amended August 31 so as to exempt from the sing provisions of that article the ufacture for sale of saccharin and n solutions intended solely for use in maceutical preparations.

aste Rubber Salvage.—The Ministry upply has issued the Salvage of Waste erials (No. 4) Order, 1942 (S. R. & O., 1770), making it an offence to destroy e materials composed wholly or mainly ubber. The Ministry make an urgent eal for all waste rubber to be handed for salvage. See Editorial on p. 273.

ontrol of Rubber Gloves.—The Ministry Health announces that it is necessary restrict the sale of household rubber es to persons who are certified by a ical practitioner to be suffering from and intractable eczema, cheiropomlyx, or intractable dermatitis. Any person desiring to purchase rubber gloves for such purposes can do so only if her doctor certifies that she is suffering from one of the three conditions mentioned above and that the use of household rubber gloves is necessary for the performance of her household duties.

Location of Retail Businesses Order.—In order to clarify a point in S. R. & O., 1942, No. 1619, paragraph (2) of Article 2 has been amplified by an amending Order (S. R. & O., 1942, No. 1828) which will be available shortly, price 1d., from H.M. Stationery Office. It reads as follows: Nothing in this Order shall prohibit any person from carrying on at any premises any business which he was carrying on at those premises on August 20, 1942, and the goodwill of which he had acquired by operation of law or otherwise from a person who carried on such business at those premises during the basic period, December 1, 1940, to October 23, 1941, or a part of the basic period.

West Ham Association.—On Wednesday, September 16, at 7.30 p.m., Mr. A. Simons will address the West Ham and Eastern District Association of Pharmacists at 43 West Ham Lane, Stratford, London, E., on "The Association of Pharmaceutical Employees."

Scottish Salvage Deadlock.—Many Scottish chemists are wondering when their collections of salvaged collapsible tubes are to be called for. In many parts of the country nothing has been taken since the scheme was introduced.

British Chemical Plant Manufacturers' Association.—Owing to the continued absence of Mr. W. Davidson Pratt on Government Service, the British Chemical Plant Manufacturers' Association has appointed Mr. Norman Neville to act as director. Mr. W. A. Williams continues to serve as acting-secretary.

Prices Approved.—The Central Price Regulation Committee announces that it has approved maximum prices of D.C.L. vitamin B_1 Yeast Tablets manufactured by the Distillers Co., Ltd., and distributed by Colgate Palmolive Peat, Ltd., and of specialities of Knoll, Ltd., distributed by Savory & Moore, Ltd.

St. John Leonard (Pharmacy) Social Guild.—Continuing a series of discussions on "Vocational Organisation in Pharmacy," the Guild held a meeting at 25 Merrion Square, Dublin, on September 1, when a paper on the subject was read by Mr. James A. O'Rourke, M.C.P.S.I., Dun Laoghaire.

Eire Closing Hours.—A gradual return to normal closing hours is being made since September 1 in businesses of which the opening hours were extended during the summer months by the Emergency Powers (Early Closing of Shops) Order, 1941, (Second Amendment Order), 1942. During September, in Dublin Borough and Dun Laoghaire, Monday to Thursday, 8.30 p.m.; other areas, 9 p.m. In the Borough and other areas, Friday, 9 p.m.; Saturday, 10 p.m. During the period commencing October 1, in all areas, Monday to Thursday, 8 p.m.; Friday, 9 p.m.; Saturday, 10 p.m. Shops in the County Borough of Dublin which are required by the original order to close at 5.30 on week-days other than Saturday will still have to close at that hour.

Eire Local Election Successes.—Several pharmacists have had outstanding successes at the polls in the recent local elections in Eire. In Dublin Mr. Philip Brady, P.C. (a member of Council, Pharmaceutical Society of Ireland and a former president, Irish Drug Association) was elected a member of the Dublin Corporation with a substantial first-preference vote. In Dun Laoghaire Mr. Michael J. O'Rourke, M.P.S.I., was elected a member of the Borough Council; subsequently at the first meeting of the Council he was elected chairman. In Galway Alderman Joseph J. Costello was returned to the Galway Corporation by a heavy vote and has since been re-elected mayor for the seventh year in succession.

Birkenhead Social Evening.—Birkenhead and Wirral Pharmacists' Association on September 1 held a social evening to open the 1942–43 session. The principal feature was the screening of a series of ciné films by the president (Mr. H. C. Tristram). These were film shots of the British Pharmaceutical Conference held in Liverpool in 1931, records of local picnics, and some commercial "shots." There was opportunity afterwards for only a short discussion on business matters, chief amongst which was the proposed rota of chemists who would undertake to open from 5 p.m. to 7 p.m. on Sundays and half-day holidays. To render the arrangement practicable it has been proposed to divide the whole borough into eight areas.

Shop Assistants' Union.—The National Executive Committee of the National Amalgamated Union of Shop Assistants, Warehousemen and Clerks, of which the Association of Pharmaceutical Employees is a section, has appointed a National Advisory Committee, consisting of qualified members of the A.P.E., one of whom is to act as joint secretary. The committee will also include the general secretary of the Union and the national organising officer. It will hold its first meeting at Dilke House, Malet Street, London, W.C.1, on Sunday, September 27. The committee consists of Messrs. P. Crees, Ph.C., Birmingham; M. Jackson, M.P.S., Leeds; W. S. Benjamin, M.P.S., London; T. Cargill, M.P.S., Hull; H. Marshall, M.P.S., Edinburgh; together with Mr. G. Maurice Hann (general secretary of the Union) and Mr. J. D. Hiscock (national organising officer). Mr. B. A. Williams, M.P.S. (employee representative on the Council of the Pharmaceutical Society and a member of the A.P.E.) will attend the meeting in a consultative capacity.

TOPICAL REFLECTIONS

serving Trade Organisation

he dignified letter sent by the London mber of Commerce to three ministers State (pp. 249, 259) is a necessary and ely recognition of one danger inherent he official regimentation to which indus- s and trades are submitting with varying rees of grace. The chief principle laid n is formulated in the statement that ll the expert knowledge and experience mulated in centuries of trading cannot mployed during the war, "the Chamber es that, in the national interest, some er means should be found to ensure that y are available to the country at the of the war, and not dissipated mean- le." That is well said. We are atened with the possibility that we may e to regard the erosion, the piecemeal ppearance, of trade usages as a process Nature (with a capital N), a process too versal in origin for us to effect any con- over it. We may be a nation of shop- pers, but we are not a nation of blind pkeepers. We do not admit the right ny Government department to decide hand that commerce shall not flow in accustomed channels. In your editorial ment you make full allowance for arent official inconsistency due to the gencies of the war. This inconsistency o doubt inevitable in some degree. But is allowed too free a rein, a correspond- inconsistency in trade practice is likely follow; and this can only lead to con- ion, not to say chaos. It may be hoped t the London Chamber of Commerce, its timely representations to the Govern- nt departments most capable of con- uting to the insecurity of traders, will able to exercise a steadying influence.

ngerous Applications

he short paragraph on phenol-camphor lications in your latest selection of dical Abstracts (p. 254) should be read remembered. (The first of the three nulas tested pharmacologically is that National Formulary VI of the United tes.) About thirty years ago a case that e considerable trouble came to my notice. some mischance a pharmacist dispensed henol-camphor application stronger in nol than the one intended (the prescrip- was indefinite on this point), with the lt that damage to a customer's clothing alleged and a peremptory letter ved. A considerable sum was paid in satisfaction of the claim. Allowance for idiosyncrasy being made, it should be obvious that any application containing a high proportion of phenol should, especially in the absence of an oily diluent, be dispensed with due regard for the safety of the user. This can be done without any reflection on the prescriber and in accordance with the best tradition of pharmacy. The same principle applies to other medicaments of a caustic nature, actual or potential. Most pharmacists of experience have, I believe, made it a rule not to trust customers with, say, nitric acid for applying to warts, but have suggested alternative methods of treatment. To this type of counter prescribing—if, indeed, it can be so designated—even the most rabid medical polemist can hardly take objection.

Seaweed Survey

The results of the "nearly completed" survey of British seaweeds undertaken by the Ministry of Supply (p. 237) will be awaited with curiosity, much having been heard in recent years of the commercial possibilities of a systematic use of this raw material. Nicholson's Dictionary of Gardening, in the course of a brief account of seaweeds, quotes a definition, apparently by J. E. Smith, to the effect that the term includes algæ growing in fresh water, on moist earth and elsewhere. Its use as manure is commended, particularly for crops of potatoes and turnips, two vegetables in great demand in these difficult times. Agricultural friends tell me, by the way, that turnips should be grown in soil rich in clay. It is worth mention that as early as 1867 the late E. C. C. Stanford read a paper at the meeting of the British Pharmaceutical Conference on the charcoal from a species of *Laminaria* found in abundance in the Outer Hebrides, recommending the charcoal for use in certain filtration processes in place of animal charcoal. Stanford interested himself in other commercial uses of seaweed at a later date. Somewhere in the vast "canon" of Sir Walter Scott's works, or in Lockhart's biography of him, there is a reference to the early morning use of dulse as a remedy for the effects of "the night before": one user of it was accustomed to munch it regardless of adhering fragments of shell. I remember seeing this delicacy placed at the disposal of customers in a Scottish restaurant some years ago.

Xrayser

TRADE NOTES

Drug Grinding and Screening.—Large or small contracts to disintegrate, screen or grind drugs are sought by the specialist company, Domewood, Ltd., 68 Victoria Street, London, S.W.1.

Moth Preventive Restricted to Chemists.—Introducing a new speciality, Moffs, a moth-preventive perfumed with orange-flower blossom, Hough, Hoseason & Co., Ltd., Holland Street, Pendleton, Manchester, notify chemists that they intend to restrict sales to chemists. The product is attractively packed in outers of three dozen and a bonus is given on certain orders.

Bromides Distribution.—Palestine Potash, Ltd., announced recently (see *C. & D.*, August 29 pp. iii and 219) that inquiries for their bromides should be addressed to Howards, Ltd., Ilford; May & Baker, Ltd., Dagenham; or Whiffen & Sons, Ltd., Fulham, S.W.6. The announcement may have given the impression that the three English firms had discontinued manufacturing bromides and were now supplying only Palestine bromides. The manufacturers wish the trade to be advised that they are continuing to manufacture bromides in quantities adequate to supply home requirements and some export markets.

Photographic Apparatus List.—What is virtually a complete guide to the trade in photographic and cine apparatus has just been published by the Photographic Dealers' Association, 39 Hill Road, Wimbledon, London, S.W.19. The booklet comprises sixty pages, size 8½ in. × 5½ in., with limp covers, and is available to the public at 10s. per copy, and to P.D.A. members at a special concession. The main item of the booklet is, of course, the lists of still cameras and projection apparatus, of accessories, and of cine cameras, with details of their pre-war prices. These alone would be sufficient to establish the value of the handbook to every dealer in photographic apparatus. The additional inclusion of Board of Trade Orders governing the prices of new and second-hand goods, with explanations, of the addresses of manufacturers and agents engaged in the trade, and of an index to trade names, render it almost indispensable. The booklet is available as stated, but the secretary of the Association points out that owing to staff shortage only orders accompanied by the purchase price can be accepted.

Business Changes

Mr. H. L. Blake, M.P.S., 102 Chur Street, Gainsborough, has purchased t business of Mr. William Hay, High Stre Misterton, Notts. Mr. Hay will contin as manager, and the business will be carri on under his name.

Proprietary Articles Trade Associati

Addition to Protected List.—*The Curac Co.*, Curacho Waters' oil-less veterina embrocation, 3-oz., 1s. 6d., 13s. 6d. do tax 2s. 3d. doz., i.r.p. 1s. 8d.; 6-oz., 2s. 6 22s. 6d. doz., tax 3s. 9d. doz., i.r.p. 2s. 1c

Corrections to Protected List.—*Wrig Layman & Umney, Ltd.* Prices for Tetm and Blacfrutex: Tetmal, 10's, 7s. 3d. do tax one-sixth, inclusive retail price 1: 100's, 65s. doz., tax one-sixth, i.r.p. Blacfrutex, 3-oz., 9s. 9d. doz., tax one-sixt i.r.p. 1s. 6d.

Alterations.—*J. T. Davenport, L* Collis Browne's chlorodyne. Prices quot in last week's issue apply only in Irela (Eire). *Solport Bros., Ltd.* Under a ne ruling from the Customs and Excise, e shades, etc., if specially designed and p up as sports requisites (as for tennis) a subject to purchase tax at 33⅓ per cer under Class 14, instead of Class 16. Par culars of new prices for Portia eye shad and goggles may be obtained on applicati to the makers.

Deletions.—*Bengers, Ltd.*, Peptonis beef jelly; Peptonised chicken jelly. *A. Cartwright, Ltd.* Holdfast soothers; Mornir Pride brushless shaving-cream, 6d. siz *Glaxo Laboratories, Ltd.*, Flavogel. *Hir Brooke & Hirst, Ltd.*, Hirst & Brooke orange quinine wine. *International Chemic Co., Ltd*, Bismag tablets, 6d. size; Lavor hair tonic, 3s. 6d. size; Lavona shamp powders; Reudel bath Saltrates, 2s. 6 size. *Dr. Charles Rooke, Ltd.*, Dr. Rooke elixir, 12s. size; Crosby's elixir, 5s. siz *Taylors (Cash Chemists) Midland, Lt* Lobelline, 5s. size; Lobelline lozenge 3s. size; Chocoloids; Tonic Phosphorette *Wyleys, Ltd.*, Vitano.

£10,000 Waste Paper Contest.—The wir ners of the summer contest will be ar nounced shortly. It is reported that th collection during May, June and July wa well in excess of 200,000 tons. A millio tons of waste paper is called for this yea and a big effort will have to be made t reach this tonnage by December 31 next.

LEGAL REPORTS

llegations Against Chemist.—At the th-Western Police Court, London, ntly, Edith A. Gould and Victoria A. or were charged on remand with being cerned together in killing Phyllis vberry at Burnley Road, Brixton. nard Fogelman, M.P.S., Ritherdon d, Balham, was charged with procuring . Gould to commit the offence; Fogel- n and Henry Ernest Gould were charged h assisting Mrs. Gould and Mrs. Prior, wing they had killed Phyllis Newberry; s. Gould, Mrs. Prior and Fogelman were rged with conspiring together to procure miscarriage of Phyllis Newberry; and s. Gould, Mrs. Prior, Fogelman, and iam Glasel were charged with conspiring procure the miscarriage of Miss Glasel. cused were again remanded.

Vo Pharmacist Employed.—At Chelten- m, recently, Ann Elizabeth Hawley, omas Francis Hawley, and John Lowson wley, of Fircroft, London Road, were ed a total of £15 for unlawfully selling poison by retail. According to the secution, the business had been carried by the late Mr. Hawley, who was a istered pharmacist, and since then mission had been given to the trustees continue the business subject to the ployment of a pharmacist. On July 7 inspector of the Pharmaceutical Society led at the premises and purchased some blets which contained a poison. It was en found that since December 1941 the siness had not been under the control a registered pharmacist, and a number poisons had been dispensed and sold. r the defence it was stated that every ort had been made to obtain a pharmacist t without success.

Passing-off Action.—An action by Innoxa ngland), Ltd., Old Bond Street, London, ainst a Mr. Martin came before Mr. Justice rkett in the High Court on September 2 the plaintiff company's motion for an terlocutory injunction restraining the fendant, whose address was given as osvenor Road, Tunbridge Wells, from fringing their trade-mark "Innoxa" and om passing-off as their toilet preparations ticles not of their merchandise or manu- cture. For the plaintiff company, it was id Mr. Martin had by some means tained Innoxa bottles bearing Innoxa bels, and these were exhibited in his shop. ut the contents were spurious, not being Innoxa skin tonic, and the plaintiff company desired to prevent this contravention of their rights. Mr. Martin, who attended the Court to explain his position, said he knew nothing about the law on the matter. He had no knowledge of what was in the bottles, or of the price, and he was not proposing to sell them. He took over the preparations as part of the contents of a closed-up shop, which he was not running as a shop, because his trade was that of a repairer and supplier of hairdresser's machinery and equipment. After a discussion between the parties, Mr. Martin gave an undertaking that was satisfactory to the plaintiff company.

Sale of Saccharin Tablets.—At Tunbridge Wells, recently, Garner & Pope, Ltd., chemists, Monson Road, and Sidney J. Pope, Ph.C., were summoned for selling by retail to Mrs. Funnell full-strength saccharin tablets otherwise than in packets of fifty or 100. There were similar summonses in respect of a Mrs. Beale. There were also summonses in respect of both women against each defendant for imposing a condition of another article in respect to the sale of the tablets, and finally there was a summons in respect to an attempted imposition of a condition of sale in respect of Horace Beale. On behalf of both of the defendants, Mr. E. G. Bretherton entered pleas of guilty.

Prosecuting on behalf of the local Food Control Committee, Mr. F. S. Harries said it was unlawful to impose any condition of sale for any article of food (which included saccharin tablets). Mrs. Beale went to the defendants' shop on July 9 and asked for a packet of saccharin tablets. An assistant told her that she must have a coupon, and to obtain this she had to purchase another article. The coupon was the defendants' own invention. Mrs. Beale thereupon bought another article costing 3½d. and she was then able to purchase a packet of saccharin tablets. This contained twenty-five tablets which were of full strength. The circumstances were the same in the case of Mrs. Funnell, who after she had purchased some pills obtained a coupon entitling her to purchase saccharin tablets. Mr. Beale also went to the shop and when told he had to purchase something else before he could obtain saccharin told the assistant that it was an illegal practice and went away.

Pope, when interviewed, said he had always supplied saccharin without discrimination, but owing to the shortage wanted to ensure that his regular customers had saccharin. Therefore on July 9 he exhibited in the shop a card on which was written "Ask for a saccharin coupon when making your purchase." Apparently however this was misunderstood by the assistant. Pope added that when he found that there was some confusion he stopped the scheme and tore up the notice which had only been exhibited a few hours. He was actuated entirely by the motive to sell his tablets to as many of his customers as possible.

For the defence, Mr. Bretherton pointed out that under the order the proceedings were instituted it was justifiable for a tradesman to refuse to supply any but registered customers with rationed goods. It was therefore natural for a chemist to give his regular customers some preference. In his case the mistake was on the part of the assistant.

On the first two charges each defendant was fined £2, and the same fines inflicted in the second case. Fines of £5 each were imposed in the next two cases and in the last the fines were £2 each, total £32.

Purchase Tax Decision.—In the Bloomsbury County Court, London, recently, Judge David Davies, K.C., heard an action by the Carborundum Co., Ltd., Trafford Park, Manchester, against Ricoman, Ltd., 17 New Oxford Street, London, W.C.1, to recover £30 0s. 6d., the amount of purchase tax paid by the plaintiffs in respect of a quantity of safety razor blade hones sold and delivered by them to the defendants. The defendants had deducted the amount representing purchase tax from the total amount of the invoice rendered to them, and declined to pay back that portion on the ground that the goods were not chargeable to purchase tax. The action had been remitted from the High Court.

Mr. W. Summerfield, who appeared for the plaintiffs, stated that the defence raised the issue, affecting large numbers of manufacturers and dealers, whether "Notices" issued by the Commissioners of Customs and Excise, or opinions expressed by the Commissioners to specific inquirers, could modify the statutory provisions relating to chargeability. In any event, he submitted, the defendants in this case had obtained an opinion regarding hones in general and not regarding the particular type of hones here in question, and so had misconceived the position. The Finance (No. 2) Ac 1940, which introduced the Purchase Ta defined "chargeable goods," by Section (1), as being those falling within any of t classes specified in the first or seco column of the Seventh Schedule. Th Schedule listed twenty-three categorie No. 9 included amongst other headin "Articles of hardware and ironmongery kinds used for domestic or office purposes "Notice No. 78," dated September 194 issued by the Commissioners, declared th "emery and other abrasive cloths a papers, and abrasive powders; and hone were not chargeable under Class 9. T "Press Notice" dated January 24, 194 also issued by the Commissioners, declare "Class 17. *Toilet Requisites Chargeabl* Safety razor-blade hones (This decisi involves the amendment of Notice No. 78) Class 17 was defined by the Seven Schedule to the Act thus: "Toilet requ sites of all kinds (including toilet brushes)

Cross-examined by Mr. Crispin, Mr. C. V Rouch, London speciality representative the plaintiffs, stated that the order place by the defendants was in answer to t plaintiffs' advertisement of "Aloxite safe blade hone." It would be obvious to an person in the trade that these hones we for use with safety razor blades, quite apa from their description and label. M Geoffrey H. Crispin submitted that only they fell within the description "toil requisites" could these goods be held to b chargeable.

His Honour, in delivering judgment f the plaintiffs with costs, said that the view of the Commissioners could not alter th meaning of the Act. The Commissione could not make "decisions" binding upo the Court. It was for the Court in an disputed case to decide whether a particula article fell within any of the Classes liste in the Seventh Schedule of the Act. Class 1 was a very wide one: "Toilet requisites c all kinds." A hone used for sharpenin razor blades—which were obviously toile requisites—could properly be said to b itself a toilet requisite. The twenty-thre Classes were not necessarily quite distinc from each other; in some cases, they over lapped; an article might well be chargeabl under one Class and not another. Som toilet "requisites," for example, fell unde Class 18: "Perfumery and toilet prepara tions," whilst razor blades might possibl fall under Class 8, which in the Act appeare as: "Cutlery suitable for domestic o personal use, and spoons, forks and simila articles suitable for domestic use."

COMPANY NEWS

PRETESTED PRODUCTS, LTD. (P.C.).—pital £1,000. Pharmaceutical, manu-cturing, wholesale and retail chemists, c. First directors to be appointed. O.: 8 Fredericks Place, Old Jewry, ondon, E.C.2.

SINCLAIRS CHEMISTS, LTD. (P.C.).—pital £750. Wholesale, retail and manu-cturing chemists and druggists, etc. lgar W. Borrow and James Matthews, rectors. R.O.: 6 Hopfield Parade, High oad, Byfleet, Surrey.

RIDINGS CHEMICAL PRODUCTS, LTD. .C.).—Capital £1,000. Manufacturers of d wholesale and retail dealers in chemical oducts, proprietary articles and photo-aphic materials, etc. Fred Dawson, first rector. R.O.: 63 Great George Street, eeds.

WEST DERBY DRUG STORES, LTD. (P.C.). Capital £100. Wholesale or retail drug-re proprietors. To employ qualified rsons to act as chemists, etc. Mrs. Hannah Lappin and James F. O'Hara, directors. O.: Central Buildings, 41 North John reet, Liverpool.

L. T. L. UTILITIES, LTD. (P.C.).—Capital ,000. To acquire any interests in inven-ons relating to liquid soap and other ticles and to carry on business as general alers. James H. Longworth, Harry R. aylor and Nelson Latimer, directors. R.O.: Hodsons Square, Manchester.

DELETED FROM REGISTER.—"The Lon-on Gazette," September 1, announces that hite & Co. (Chemists), Ltd., has been ruck off the Register of Companies.

Bankruptcy.—James Walter Edward oss, 42 Bushey Way, Park Langley, eckenham, Kent, described as a hydro-gical chemist. Application for discharge as heard at Croydon recently. It was tated that debtor filed his own petition, n which receiving order was made in April 939. Liabilities were just over £500, and otal assets £170, of which he had contri-uted £94 from his earnings since the ankruptcy. Preferential creditors' claims f £95 had been paid in full, and unsecured reditors would receive an approximate ividend of 1s. 8d. in the £. Official Receiver aid debtor had invented a colloidal system f bottle-washing, and had produced a new etergent. Discharge was granted subject o judgment for £25.

TRADE MARKS

(*From "The Trade Marks Journal," August* 19)

"MICHEL"; for lipstick, rouge and mascara (3). By Michel Cosmetics Inc., 40–17 Twenty-second Street, Long Island City, New York, U.S.A. 617,712.

"PINELAVA"; for soap containing pine extract (3). By Lavapine, Ltd., 31 South Ward Road, Dundee. B618,782 (Associated).

"THREE POPLAR BRAND" on circular device of three poplar trees; for soaps, cleaning preparations, etc. (3). By Wylie's Cleansers, Ltd., 96–98 Leadenhall Street, London, E.C.3. 619,343 (Associated).

"LIXA-BETA"; for pharmaceutical substances and preparations (5). By William R. Warner & Co., Ltd., Power Road, Chiswick, London, W.4. 617,409.

"EMPAN"; for all goods (5). By H. M. Panton, 54 Fleet Street, London, E.C.4. 617,877.

"FINEGANS' VITANIPS" with flag design ("Finegans" disclaimed); for medicated confectionery (5). By V. M. Finegan, 277–79 High Street, Smethwick, Staffordshire. 618,297 (Associated).

"NOLVASAN"; for all goods (5). By Imperial Chemical (Pharmaceuticals), Ltd., Wexham Road, Slough, Bucks. 618,647.

"LEXOPRIN"; for pharmaceutical substances (5). By Eli Lilly & Co., 740 South Alabama Street, Indianapolis, Indiana, U.S.A. 619,126.

"SEG-A-MINT"; for pharmaceutical preparations and substances flavoured with peppermint (5). By The Dubarry Perfumery Co., Ltd., Goldstone Laboratories, Hove Park Villas, Hove, Sussex. 619,269.

"ESOBAN"; for medicinal chemicals (5). By Southon Laboratories, Ltd., 88 Upper Richmond Road, London, S.W.15. 619,274.

"PROPATYL"; for pharmaceutical preparations and substances (5). By Watford Chemical Co., Ltd., 11 Waterloo Place, London, S.W.1. 619,397.

"PLATINUM BLONDIE"; for non-alcoholic fruit drinks (32). By W. W. Brown, 27 Ratcliffe Terrace, Edinburgh. 618,944.

(*From "The Trade Marks Journal," August* 26)

"SACAREX"; for saccharin (1). By Clinical Products, Ltd., 2 The Green, Richmond, Surrey. 619,457. (Associated.)

"SKABOZAN"; for ointments for human use in the treatment of skin diseases (5). By Charles Zimmermann & Co., Ltd., 9 & 10 St. Mary-at-Hill, London, E.C.3. 618,855.

"HEPICEBRIN"; "HOMICEBRIN"; and "MULTICEBRIN"; for pharmaceutical substances (5). By Eli Lilly & Co., 740 South Alabama Street, Indianapolis, Indiana, U.S.A. 619,119; 619,127–28. (All associated.)

"LILIAN"; for sanitary towels (5). By Sashena, Ltd., Paragon Works, Neptune Street, Kingston-upon-Hull. 619,221. (Associated.)

"AVLODEX"; for all goods (5). By Imperial Chemical (Pharmaceutical), Ltd., Wexham Road, Slough, Bucks. 619,438.

AUSTRALIAN PHARMACEUTICAL CONFERENCE

A CONFERENCE at Melbourne on March 30 and 31 and April 1 met to consider proposals affecting the practice of pharmacy under war-time conditions. It was attended by delegates from New South Wales, Victoria, South Australia and Tasmania.

The chairman said that the Pharmaceutical Advisory Committee was now engaged in the compilation of an Australian War Pharmacopœia. Preparation of a War Emergency Formulary was primarily one of the functions of the Medical Equipment Control Committee, which had enlisted the willing co-operation of official pharmacy by entrusting the task of preparing such a formulary to the Pharmaceutical Advisory Committee.

In peace-time the Medical Equipment Control Committee functioned as a subcommittee of the Central Medical Co-ordination Council. Prior to the outbreak of war in Europe its activities were purely nominal. In consequence, no survey of drug stocks in the Commonwealth had been available, and little attempt had been made to build up reserves. Military reserve stocks were negligible, and, on the whole, unsuitable for modern requirements. Australian potentialities for growing medicinal plants on a commercial scale were unexplored, while manufacturing possibilities, unable to thrive in competition with imports, were unexploited.

War-time Activities

Once a state of war came to exist, the subcommittee acquired a new status, a new name, and an existence in fact. It is charged with the maintenance and co-ordination of medical equipment—drugs, dressings, instruments and radiological, ophthalmic, dental and veterinary equipment—for both military and civil needs. Among its early tasks were taking stock of the equipment in the country, control of imports and exports, acquisition of a basic reserve under its own control, and the direction of warehouses to carry enormously increased reserve stocks. With this under way, attention was given to increasing the manufacture of drugs and instruments, to the cultivation and assay of medicinal plants, and to the exploitation of other natural resources, including certain minerals, fish oils, vitamins, etc. One of the early difficulties—war being still a vague cloud in the distance— was to det mine exactly what drugs were made Australia. Several firms purporting manufacture certain drugs were, in fa making bulk imports and merely packi the drugs. Many such firms were entir unwilling to disclose information, and ea returns were often evasive or misleading.

Australian Emergency Formulary

Following a series of lectures, prescribi suggestions based on Australian drugs w formulated and the idea of a formula was evolved. Permission was obtained identify such a formulary with the A.P. and in collaboration with Mr. H. Finnemo acting as pharmaceutical expert and edit the "Emergency Formulary of Australi was produced. The work, said the cha man, was not entirely a happy conceptic The necessary limitation of formulas those containing only Australian-ma drugs allowed of too little therapeutic la tude and variety, while what had been p forward at first as prescribing suggestior and as such were useful and much w comed, appeared on publication to be t rigid in relation to their limited sphere utility. Many of the Australian subs tutes for imported drugs were not famili to prescribers either by name or reput and medical conservatism was a "hi wall." However, with the advent of addendum to widen the scope of t E.F.A., with growing familiarity with t idea of reasonable substitution, and wi realisation of the urgent need for econor in the use of drugs, many cracks we appearing in the wall. The Pharmaceutic Advisory Committee, which was forme subsequent to the publication of t E.F.A., made its début with the compil tion of an "economy" list of drugs. T present task of the committee was t development of a War Emergency Form lary presenting drugs of the "A," "B" an "Aus." classes in the above list in a con prehensive but economic series of prescri tions. This would correspond with t British National War Formulary, and woul they hoped, at once take the place of a hospital and contract dispensing formularie military pharmacopœias and the A.P.F. A drug shortages increased it would necessaril invade the domain of ordinary prescribin in private medical practice.

w Types of Formula

The plan would follow that of the usual spital formulary, but a few new types formulas would be included to meet anging conditions. That the formulas ght have some elasticity with regard to e dosage of basic drugs, a note would given as to the convention most suitable such modification. In considering the xture section, it was a debatable point ıether many mixtures in common use in rmal times should not be replaced by nple or compound tablets or powders. ch a procedure would save bottles and rks, and, in the ultimate analysis, much ne. This applied particularly to mixtures ntaining ac. acetylsal., ac. acetylsal. and enacetin, bismuth, chalk and kaolin, c. lact., rhubarb and soda, sod. salicyl. d sod. bicarb., and many others. In ne cases, as with simple bitters, either d or alkaline, the well-known names, st. gent. acid and mist. gent. alkal., uld be retained simply for reference, and a temporary concession to a common scribing "reflex." A small section uld be devoted to defining standards for ne of the drugs specified, as well as a lenical section for directions to prepare ch substances as inf. alstoniæ co., and haps to modify such pharmaceutical ocktails" as tr. opii. camph., which for actical purposes might be regarded as an iseed-flavoured dilution of tr. opii.

bclasses of Powders

As in the E.F.A., the compound wders section, "Pulveres," would carry mulas only for powders which were to taken internally. The dusting powder uld be classed as "Conspersus," while ıer medicaments prescribed in powder m would be named in accordance with ir uses. Because of the widespread use jellies of tannic acid and of crystal ılet, following the recommendations of itish therapeutics committees, glycanths ving a minimum of tragacanth and vcerin in an aqueous base would have to d a place. Camphor would have to be itted from liniments, and a eucalyptus olive or other fixed oil would have to be bstituted for the popular lin. camph. eparations for use in ear, nose and throat d been grouped together for convenient erence, and a small section was devoted formulas for children. With regard to e title, several suggestions had been t forward—War Emergency Formulary, mmonwealth War Formulary, Australian ar Formulary, and Australian War Pharmacopœia. At present the last was the one favoured.

Limitation of Pharmacies

A resolution was moved and seconded "That Conference recommends the introduction of regulations to prohibit any increase during the currency of the war in the number of pharmacies at present operating."

The following amendment was moved, seconded and carried: "That Conference recommends the introduction of regulations to control opening, closing, amalgamation or transfer of pharmacies and dispensaries, to ensure an efficient and adequate pharmaceutical service to the civil population."

Limitation of Brands

The following proposal was discussed: "That legal sanction be obtained for limiting the number of brands of drugs and preparations included in the British Pharmacopœia, British Pharmaceutical Codex and Australian Pharmaceutical Formulary or other book of official standards, by requiring such drug or preparation to be marketed under its official name."

It was decided to refer the proposal to a subcommittee for consideration and report.

Man-power

Resolutions on the subject of pharmaceutical man-power were carried as follows:

"That the man-power authorities be requested to permit all indentured pharmaceutical students to complete the full course of qualification, subject to making satisfactory progress with studies."

"That Conference recommends that the requirements of each State be ascertained, and that only sufficient students be enrolled to replace wastage."

"That Conference recommends that selection of students be on the basis of merit and adaptability, and that progress of students be reviewed each year of the course to determine whether they should proceed further with studies."

"That an offer be made to the Government to set up in all States Pharmaceutical War Committees to assist and advise the Government in matters relating to man-power and other problems associated with Pharmacy; such Committees to consist of a member of the Executive of the Board, the Guild and the Society in each State."

Military Pharmacists

During the previous two years strong representations had been made to the

authorities for the appointment of an Assistant Director-General of Medical Supplies (Pharmaceutical), and for further consideration of requests for the granting of commissioned rank for pharmaceutical chemists.

The following extract was read from a communication received from the D.G.M.S.:

"For your information, it is advised that there are at present some thirteen pharmacists with rank of Major or Captain in administrative appointments in the A.A.M.C. in Australia. In addition, the technical advice of the Medical Equipment Control Committee of the Department of Defence Co-ordination is available at all times to the Director-General of Medical Services.

"In regard to paragraph 2 of your letter, there is apparently some misunderstanding as to ranks allotted to pharmaceutical personnel in Medical Units. There has been no change in policy since the outbreak of war. The ranks approved in the various units in which dispensers are as under:—

Field Ambulance.—Two Staff-Sergeants.

Casualty Clearing Station.—Two Sergeants (an amendment is being issued to make these Staff-Sergeants).

General Hospital (600 beds).—One Lieutenant, one Staff-Sergeant, one Sergeant.

General Hospital (1,200 beds).—One Lieutenant, one Staff-Sergeant, two Sergeants.

Convalescent Depot. — One Staff-Sergeant."

COMMERCIAL NOTES

Turkish Importers' Union.—It is reported from Ankara that a union has been formed of importers of glass, glassware, industrial dyes, and chemicals used in industry and agriculture. Certain goods may only be imported by members of the union.

Portuguese Olive Oil Controlled.—The Portuguese Ministry of Economy is reported to have requisitioned all stocks of olive oil in the country. Future sales will be controlled by an organisation newly formed for the purpose, and fixed prices and dealers' margins have been issued.

Anglo-Turkish Trade.—The British and American committees for the co-ordination of Turkish purchases in the British Empire and the United States have been reorganised and are now operating as a joint committee of co-ordination. The effect of this co-ordination may serve to counteract to some extent increasing German economic pressure. Reopening of rail communicatio between Turkey and Central Europ through Bulgaria, following the recon struction of the bridges over the Maritz and Tunja rivers, has been accompanie by an intense campaign of economic an political propaganda to Turkey. The object of this were to retrieve German pre tige, to obtain badly needed Turkis produce, and to try to sow seeds of discor between Britain and Turkey. The fir move in the campaign was the revival the obsolete 100,000,000-Reichsmark cred granted to Turkey in January 1939, follow ing Dr. Funk's visit.

INSURANCE ACT DISPENSING

Scotland.—The Drug Accounts Com mittee (Scotland) reports that in 194 prescription forms (exclusive of the pre scriptions for insulin) which were price and scrutinised on behalf of fifty-fou Insurance Committees in Scotland num bered 2,846,081, value £206,424. This wa a decrease of 285,788 forms and £8,64 from the 1940 figures. The average pric per prescription form at 17·40d. showe an increase of 0·92d. Prescription form (exclusive of prescriptions for insuli priced and scrutinised on behalf of th Ministry of Labour of the Government c Northern Ireland numbered 748,214, valu £55,192, decreases of 103,327 and £5,52 from the record figures of 1940. Th decrease in value follows a steady increas during the years since 1932, when the valu was £34,665. The following table gives comparative statement of the number an value of prescription forms dealt with i 1940 and 1941:—

Priced and scrutinised for	1941		1940	
	Number of Forms	Value	Number of Forms	Value
		£		£
Fifty-four Insurance Committees in Scotland ..	2,846,081	206,424	3,131,869	215,064
(Additional forms for insulin).. ..	16,584	14,026	16,099	11,018
Government of Northern Ireland	748,214	55,192	851,541	60,717
(Additional forms for insulin).. ..	3,104	2,939	3,015	2,350
Total ..	3,613,983	278,581	4,002,524	289,149

MEDICAL ABSTRACTS

Treatment of War Wounds.—A five-int programme for the treatment of unds in the field is propounded by Trueta the "British Medical Journal" (May 16, 616). The points are: 1. *Prompt Surgical eatment.*—The shorter the period during ich the casualty is left untended, and e shorter the time taken in transport, the rlier can the patient be ready for opera-n. 2. *Cleansing of the Wound.*—"Both dium coconut soap and sodium ricinoleate e more effective in getting rid of bacteria m a wound than are most of the non-ustic antiseptics." For the skin a solution iodine or a similar skin antiseptic should used. At the end of the operation the und may be dusted with sulphanilamide. *Excision.* — "Without proper excision recent wound should be enclosed in aster." 4. *Provision of Drainage.*—Dry uze of a very fine mesh should be used provide drainage for a recent wound. *Immobilisation in Plaster Cast.*—This ould be applied direct to the skin, except er bony prominences.

Coli Metabolin in Hay Fever Discounted.—vestigations have recently been carried t by Loveless and Baldwin ("Journal of e American Medical Association," Febru-y 7, p. 451) to test the assertion by sbach that metabolic products of the lon bacillus have a therapeutic value at ast equal to that of specific inoculations in lergy. Elsbach reported that 70 per cent. his hay fever group were "cured" and other 28 per cent. improved after nine oculations of coli metabolin. This filtrate Escherichia coli was held to exert a desensitising" influence through the sym-thetic nervous system, obviate the need r diagnostic tests and preseasonal treat-ents and frequently afford relief after e second or third dose. The present orkers could not substantiate this claim, d report that although a degree of short-ved improvement was observed among venty ragweed-sensitive patients given an verage of nine inoculations of metabolin, "cure" resulted in no instance, and the ansient benefits were duplicated both in egree and in duration by injections of hysiological solution of sodium chloride. nce the incidence of improvement was gnificantly greater when either solution as injected than when no treatment at all as given, it was concluded that the benefits metabolin therapy are of psychic origin. he authors feel that there is no valid place r coli metabolin in hay fever therapy.

PERSONALITIES

THE Minister of Production has appointed, in an advisory capacity to the Ministry, Dr. I. M. Heilbron, professor of organic chemistry, Imperial College of Science and Technology, Dr. T. R. Merton, treasurer of the Royal Society, and Mr. W. A. Stanier, chief mechanical engineer to the L. M. & S. Railway. They will keep in close touch with the scientific advisers of the service and supply departments as well as assist the departmental organisations of scientific research and technical development.

MR. GEOFFREY E. HOWARD, chairman of directors of Howards & Sons, Ltd., Ilford, Essex, makes reference; in a letter published in "The Times" on September 7, to a link between "the two great invasion threats" of the Napoleonic era and today. The link is provided by a pensioner of the company, Mr. George Hireson, who recounted recollections of Mr. Luke Howard, F.R.S., the founder of the business (in 1797), from whom had survived "lively letters of advice" to his children about the threatened invasion.

MARRIAGES

DICK—WILSON.—At Camphill Church, Glasgow, on August 24, Sergeant Gordon Allan Dick, M.P.S., R.A.M.C., 28 Lennox Avenue, Scotstoun, Glasgow, W.4, to Christina Wilson, Crosshill.

ROBERTSON—BARRON.—At Lewisham, London, on August 24, Henry Stuart Robertson, London, to Eva Mary Christie Barron, M.P.S., 17 Queensgate, Inverness.

DEATHS

ADAMS.—Recently, Miss Margaret Frances Adams, M.P.S., 56 Marine Parade, Brighton. Miss Adams qualified in 1920.

DENTON.—At Harrogate, recently, Mr. Walter Denton, a director and for some years secretary of Brotherton & Co., Ltd., chemical manufacturers, Leeds, aged fifty-six.

JOHNS.—Recently, Mr. Wilfred Noel Johns, M.P.S., 28 St. Albans Road, Blackpool, aged fifty-two.

SPY.—At Sydney, New South Wales, on August 30, Mr. Archibald Spy, chemist and druggist. Mr. Spy passed the Minor examination of the Pharmaceutical Society of Great Britain in 1904.

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culates throughout the Pharmaceutical, emical, Drug, Essential Oil, Perfumery, smetic, Toilet Preparation and allied ades and Industries in Great Britain, Eire, British Empire, and foreign countries
icial organ of The Pharmaceutical Society of land, The Pharmaceutical Society of Northern land, The Chemists' and Druggists' Society of land and of other Chemists' Societies in the Empire

L. CXXXVIII SEPTEMBER 12, 1942 NO. 3266

e fact that goods made of raw materials short supply owing to war conditions are vertised in this paper or described in its itorial columns should not be taken as an lication that they are necessarily available export.

Liquid Paraffin Controlled

s announced in our last week's issue 237), liquid paraffin has now become bject to control under the Petroleum o. 2) Order, 1942 (S. R. & O., 1942, o. 1725). The Order states (*a*) that no rson shall, except for medicinal purposes under the authority of a licence, treat or e any liquid paraffin or cause or allow any uid paraffin to be treated or used; (*b*) no rson shall, except for medicinal purposes under the authority of a licence, blend y liquid paraffin with any other petroleum with any other substance whatsoever or use or allow any liquid paraffin to be so ended. The Order also provides for the izure and sale of liquid paraffin in cirmstances in which a breach of the gulations has occurred. Previous to the sue of this Order, sales of liquid paraffin y chemists were subject to an agreed form control, inasmuch as the substance could ly be obtained from wholesalers on ritten orders endorsed with a signed ndertaking to restrict sales to medicinal se (*C. & D.*, April 18, p. 427). Whilst it difficult to estimate the success or otherwise of this agreed form of control, the inclusion of liquid paraffin in the new Petroleum Order suggests that more stringent measures were considered necessary to ensure that the best use was being made of available supplies. Under the new Order, it will be illegal to use liquid paraffin for any purpose other than a medicinal one, except under licence granted by the Minister of Fuel and Power, and in this respect the Order differs from the previous "agreement" by placing the onus on the user and not on the seller. Thus, while the chemist will be obliged to restrict the use of liquid paraffin to the preparation of medicinal goods, there appears to be nothing in the Order to prevent a straightforward sale of the article if it is asked for by name. It would, of course, be desirable in such circumstances for the seller to warn the customer of the restrictions on the use of the substance. The Order states that "liquid paraffin" means liquid paraffin in accordance with the B.P. specification.

Rubber Salvage Order

Most of the salvage schemes of waste materials for war purposes are on a voluntary basis, but the supply position of rubber is so acute that the Government has deemed it necessary to issue an Order, which, although it does not make the collection and handing-over of waste rubber materials obligatory, does make it an offence to destroy or throw away waste materials composed wholly or mainly of rubber.

Offences under the Order

Under the Salvage of Waste Materials (No. 4) Order, no person shall, except under the authority of and in accordance with a licence granted or a special direction issued by the Minister of Supply (*a*) destroy any waste rubber; (*b*) throw away or abandon any waste rubber; (*c*) put any waste rubber in a refuse bin or other receptacle used for domestic or trade refuse; or (*d*) cause or permit any waste rubber awaiting or in the course of collection or sale to be or become mixed with any materials or article other than waste rubber. The maximum penalties are £100 fine or three months' imprisonment or both on Summary Jurisdiction, or £500 fine or two years' imprisonment

or both on indictment. The Order came into force on September 7.

Definitions of Rubber

In the Order "Rubber" includes reclaimed rubber, liquid latex, gutta percha and balata. "Waste Rubber" means any worn-out, disused, discarded or waste material or article made wholly or mainly of rubber, but does not include any material or article which is injurious to health or otherwise offensive. The following are included in the official list of articles made wholly or partly of rubber that are required for salvage: Tyres—pneumatic (covers, tubes and flaps), solid and cushion of all types, milking rubbers, flooring and tiling, tubing, carpet underlay, hot water bottles, hose, mats and matting, footwear, including Wellingtons and gum-boots, football bladders, electric cable and wiring, doorstops, draught excluders, pedal rubbers, crêpe-soled footwear, soles and heels, corks, stair treads, teapot spouts, teats and soothers, goloshes, rollers, gloves, balloons, balls—sports and toy, bathing caps, and jar-rings.

Shortage is Serious

The shortage of rubber is serious. In the Far East the enemy holds 90 per cent. of the world's natural sources of rubber supply. To help to fill this gap the nation must produce every ounce of reclaimed rubber it can. Make available for salvage everything made of rubber that is of no further use. In addition to the salvage of rubber, it is also vitally necessary that every one should economise as much as possible in the use of rubber, in order to conserve the nation's supplies.

What Waste Rubber Will Do

Every 10 lb. of household rubber scrap will, when reclaimed, yield about 8 lb. of new rubber, and every 10 lb. of car tyre scrap yields about 5 lb. of new rubber. One type of airman's dinghy can be made from the amount of rubber reclaimed from an old car tyre. Enough rubber to make a "Mae West" life-saving jacket can be got from four old motor-car inner tubes. Even one doorstop from every home in Britain would completely equip 500 bombers with tyres and inner tubes. It is most important, states the Ministry of Supply, that every scrap of rubber shall be saved. Ever man, woman and child in the country urged to help collect all scrap rubber—all it. Every little bit—nothing is too small.

What Doctors Should Know About Pharmacy

THE August 29 issue of the "Lancet" devoted to aspects of medical training. includes what purports to be a catechis of an expert or experts in the teaching subjects covered by the medical curriculun One of the questions, "How would yo teach the medical student to relate chen istry to pharmacy?" elicits an answ that has some bearing on the whole questic of good prescribing and good dispensin In the view of the teacher, as given in tl printed reply, "The relationship of chen istry to pharmacy is . . . best dealt wit by having a course of pharmacology i which drugs are considered from the poir of view of their mode of action, and chen ical structure is only discussed on broa principles, especially where it is related t mode of action. In addition, some relatior ship between chemistry and pharmacy ca be shown in the course of practical pha macy, for example when discussir incompatibles."

Implications of Broadness

We are not so much concerned with tl answer, which is, in view of the extensiv field the doctor's training must cove sensible and moderate, as with its implic tions. Chemists today would be happie and the public better served, if medic practitioners had a grasp of the broa principles of chemical structure, an appreciated that chemical consideratior may often prevent the dispensing togethe of two products whose therapeutic effect it may be very desirable to combine. Bu the very broadness aimed at carries th implication of shallowness. It is impossibl to gain an understanding of so complex subject as chemistry by way of sidelight to lectures on pharmacology and practic pharmacy. Nobody appreciated this fac better, of course, than the authoritie responsible for teaching medical student but unfortunately the position is nc always so clear to the taught. To kno

hat there are such things as incompatibili-es is good. To imagine that the few xamples that are brought to one's notice re the only or even the chief pitfalls is horoughly bad. Unfortunately, there are ill too many doctors who assess the nportance of pharmacy by the very minor osition it occupies in their own training. were better if they had no instruction at l in pharmacy than that they should think trivial or easy, to be dealt with as an terthought.

he Place of the Pharmacist

Side by side with the process of making ie student aware of the broad principles chemistry and pharmacy there should be ven the knowledge that elsewhere other udents are being given a very thorough aining in the principles of chemistry, and the manipulation of medicinal substances, ith the very object of ensuring that doc-rs' aims in treating patients do materialise an effective medicament. New subjects e continually demanding to be included the medical curriculum, and the time is long gone by when pharmacy can be ven the place in medical training which ie public interest decrees somebody should ossess. What the doctor must omit the harmacist makes his special study.

ecurity of Service Information

E have been requested to draw the atten-on of all firms and their employees who ve dealings with members of H.M. and the llied Forces to the importance of safeguard-g Service information which they may ossess. Many firms and their staffs will evitably obtain in the ordinary course of eir business Service information relating the names of units and their locations and ovements. Whilst the location of an indi-dual unit will be widely known and may ot be of great importance, information about e locations of many units would be of nsiderable value to the enemy and should erefore be treated as confidential. Any lists Service addresses, or correspondence from hich such lists could be compiled, should be feguarded from falling into unauthorised nds and should be kept under lock and key. he locations and movements of "troops" ould not be discussed on the telephone. Members of H.M. and the Allied Forces who purchase certain articles of equipment have to certify that the articles are required for Service purposes. In doing so, they should only sign their name and rank (with their regiment or corps, in the case of Army officers), but must not give their unit name. They should not be asked to give any further particulars.

C. & D. DISPENSING PRICE LIST

CHANGES in prices during August were comparatively few, and none was sufficient to affect the index of wholesale cost. This therefore remains at the July figure of 134·3. The corresponding figure for August 1941 was 127·6. The principal changes are set out below.

Cost		*Due allowance has been made for purchase tax in both cost and dispensing prices*	Dispensing price		
d.	*per*		4 oz.	1 oz.	1 dr.
126	lb.	Anthem. flores Ang.	4 2	1 4	0 3
14	lb.	Aqua anethi dest.	0 7	0 2	—
45	lb.	Aqua sambuci trip.	1 9	0 2	0 1
19	oz.	Bromoformum ..	—	8 4	1 5
5	oz.	Calx sulphurata ..	—	0 9	0 2
21	oz.	Eucalyptol ..	—	3 1	0 6
93	lb.	Glycerin. bismuthi carb.	7 5	2 3	0 4
25	oz.	Hydrargyrum ..	—	3 8	0 7
62	oz.	Jalap. resin. pulv.	—	—	1 5
164	lb.	Liq. cop. buch. et cub. B.P.C. ..	6 3	2 4	0 7
14	oz.	Liq. hyd. nit. acid. S.1. (5)	—	7 1	1 0
25	oz.	Ol. cajuputi ..	—	3 8	0 7
12	oz.	Ol. cedri	—	1 9	0 3
116	lb.	Ol. persic. Ang. ..	4 2	1 3	0 3
26	oz.	Ol. thymi	—	3 9	0 7
24	dr.	Sodii cacodylas S.1. (4)	—	3 10	0 7
27	oz.	Sodii nitris ..	—	4 0	0 7
58	lb.	Succus hyoscyami P.1. (9)	—	2 4	0 4

MEDICINAL PLANTS.—A Bulletin has been issued by the Ministry of Agriculture and Fisheries, under the title "The Cultivation of Medicinal Plants" (Bulletin No. 121, H.M. Stationery Office, price 6d.), embodying material originally included in Bulletin No. 76, entitled "Herbs," together with new information to meet present-day requirements. The Bulletin contains monographs giving details of the cultivation of twenty-five medicinal plants indigenous to this country.

WHERE WE NEED REFORM

MUCH has been seen in the pharmaceutical Press in recent weeks about Health Centres, and Branch resolutions have been passed for and against such schemes. Before any fresh campaign of this kind is embarked upon, however, it is necessary, in the writer's opinion, first to eradicate certain abuses from the existing system.

National Health Insurance.

The pharmacist has a very real "grouse" in the matter of National Health Insurance: his poor remuneration for services rendered. Yet it may be urged that, if certain wasteful methods of carrying on the scheme were eliminated, more money would be available in the funds, and this could be used to give better remuneration to pharmacists. Among the practices referred to are:—

Wasteful Prescribing.—At one pharmacy at which the writer held a post as dispenser for five years three prescriptions used to arrive punctually on Monday and Thursday mornings. The recipients were regarded in the pharmacy as rather a joke, chiefly because they were never known to make any purchases, but the implication of their "bottle-habit" is not humorous. The three prescriptions were:—

I

Sodii bicarb.	.. ..	ʒiij.
Bismuth. carb.	.. ..	ʒiij.
Acid. hydrocyan. dil.	..	ʒj.
Tr. card. co.	.. ..	ʒij.
Aq. chlorof. ad	.. ..	℥viij.

Sig. ℥ss. t.i.d. p.c. ex aq.

II

Sodii bicarb.	.. ..	ʒiij.
Mag. sulph.	.. ..	ʒij.
Tr. card. co.	.. ..	ʒij.
Inf. gent. co. conc.	..	℥ij.
Aquam ad ..	.. ..	℥viij.

Sig. ℥ss. t.i.d. p.c. ex aq.

III

Sodii bicarb.	.. ..	ʒiij.
Sodii salicyl.	.. ..	ʒiij.
Sodii brom.	.. ..	ʒiij.
Aquam ad...	.. ..	℥viij.

Sig. ℥ss. t.i.d. p.c. ex aq.

The recipients were members of the same family, two being in receipt of the old-age pension, and the third thirty years of age and a blacksmith's striker—I never knew him ill! The triumvirate had had the same mixtures twice a week for the nine years prior to my engagement; they continued to receive them during the five years I was dispenser; and they were still at it when I left—a total of fourteen years at six bottles a week! I made the discovery t the three patients saw their Panel doc roughly once a month. The remainder the time was covered by the doct putting three weeks' supply of prescripti through their letter-box on a Sund morning! No one seemed to care, and patients appeared to thrive, but expense to the Insurance Committee a the loss to the pharmacist must have b large. It is up to pharmacists to bring su discrepancies to public notice.

Mixtures not Collected.—What dispen has not had experience of medici dispensed only to stand unclaimed on dispatch counter for months? Possibly patient had hopes of a week or so on club, and was given only medicine. N collection means wastage of drugs—u mately at the expense of the drug fu Indirectly, then, the pharmacist is ag the loser, and the suggestion is put forw that some machinery should be organi for reporting such non-collections of me cines, so that at least there shall be persistent offenders.

Deposits Paid on Containers.—The l here results, of course, from the failure many patients to return the bottle in t ordained "clean" condition, thus putti the chemist to the expense, in time a materials, of cleaning the bottle. T means of obviating this is surely to requi payment outright for the bottle—refu should be neither given nor expect Unfortunately, far from this course bei an immediate practical policy, it see likely that the chemist is to be saddle under a Ministerial salvage scheme, wi all sorts of bottles he may never ha supplied and of which, possibly, he unable to make use. A way out might a permitted charge for cleaning the bott returned.

Unethical Conduct of Pharmacists

A class of person about whom it shou be possible to take disciplinary action the "quasi" pharmacist, the man w carries on two callings in the same premis that of pharmacist being palpably seconda to that of radio dealer, tobacconist, something else equally ill-assorted wi supplying the medicinal needs of t public. A doctor is not allowed to ru any side-line to his professional calling why should his responsible auxiliary, t pharmacist?—*Aquæ Solis.*

NEW BOOKS

Aids to the Analysis of Food and Drugs, kth Edition.—Nicholls, John Ralph, Sc., F.I.C. 6½ in. × 4 in. Pp. 424. illière, Tindall & Cox, 7 Henrietta Street, ndon, W.C.2. The whole of this hand-ok has been revised in the light of the od and Drugs Act, 1938, and almost all tions have been extended without ering the general scheme of earlier itions. Reference has also been made to r-time emergency food orders.

Chemistry of Organic Medicinal Products. Jenkins, G. L., and Hartung, W. H. in. × 6½ in. Pp. 457. John S. Swift & Co., Inc., St. Louis, Missouri, U.S.A. This has been written mainly for students having a good basic knowledge of chemistry and who are interested in the chemistry of medicinal and related products, although pharmacists and chemical workers will find it useful for general reference purposes. The book classifies the large number of organic medicinal chemical compounds according to the accepted schemes of classification. The chemistry of the preparation, properties and descriptions of important compounds of the following groups are included: Carbonyl and carboxyl groups, amines, sulphur compounds, metallic organic derivatives, heterocyclic compounds, etc.

oz. golden syrup, 1 oz. lemonade powder, 2 oz. sherbet and 4 oz. honey and glycerine lozenges—tell me, just who made out this prescription?"

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EMPIRE AND FOREIGN NEWS

Quinine on Prescription in Australia.—A prohibition has been placed by the Commonwealth Government on the sale of quinine except on the prescription of a medical practitioner.

Drug Sales in Canadian Stores.—Sales of drugs, toilet articles and toilet preparations by twenty department stores across Canada that report to the Dominion Bureau of Statistics, increased from May 1941 to May 1942 by 5·8 per cent. to $659,776.

Poisoning by Wintergreen.—At an inquest at Essendon, Victoria, Australia, recently, upon a child who died from the effects of oil of wintergreen taken accidentally; the Coroner directed the attention of the Pharmacy Board to the case with a view to having the substance labelled "Poison."

Australian Poison Bottle Shortage.—Following complaints by chemists in Australia that poison bottles in a wide range of sizes were unobtainable, arrangements have been made with a leading glass manufacturer in the Commonwealth to divert additional bottle-making machines to their manufacture.

U.S. Cosmetic Restrictions.—Advance information has been given of restrictions shortly to be imposed in the United States on the manufacture of cosmetics. The order will limit shades and odours and will place a ban on the use of metals for closures. A maximum production figure will be placed on certain types of cosmetic considered less essential.

New U.S. Ruling on Drug Marketing.—Although previously it took the view that applications under the Food, Drug and Cosmetic Act must be filed in respect of well-known products marketed for the first time by a new manufacturer, the Food and Drug Administration has now advised manufacturers that applications are not necessary in such circumstances.

Soap-buying Rush in Canada.—"With rumours flying thick and fast that soap was about to be rationed by the Government," writes a correspondent, "druggist and department stores today were swamped with people on a soap-buying 'spree.' Telephone lines at department stores were jammed, and counter clerks were unable to cope with the demand for all forms of soap. Canadian War-time Prices and Trade Board officials, when they heard of this, at once let it be known that any rumours that soap is to be rationed were 'ridiculous.' The Boar officials pointed out that glycerin is by-product of soap-making, and soap-mak ing the chief source of explosives; there fore the more soap that is manufacture the more glycerin is available for explo sives. In an effort to restrict buying, tw big stores restricted customers to on dollar's worth of soap in any form."

Australian Cosmetic Ban.—Manufactur has been prohibited in Australia of a rang of cosmetics, including beauty masks an packs; sun-tan lotions and make-up; le make-up, including stocking substitute applied to the skin; all creams, liquids semi-liquids for the beautification or car of the skin other than vanishing and col creams and hand lotions; hair lacquers nail lacquers, varnishes, polishes an lacquer removers; cuticle-treatment pre parations; bath salts, crystals, powder or tablets; bath oils or meals, foam baths perfumes, except as ingredients of un scheduled manufactured commodities; per fume sachets, toilet waters except eau d Cologne and lavender water; after-shav and pre-shave preparations; bay rum perfumed toilet preparations for men; ey cosmetics; brilliantines, hair oils, wave setting lotions, etc.

Pharmacists in the U.S. Army.—Ar article in the "American Druggist" (February 1942, p. 34) describes the lif of pharmacists in the United States Army A period of eight to thirteen weeks i devoted to basic military training. Afte this period the next step is to a medica department unit or installation. Probabl this will be in a medical detachment, a station or cantonment hospital, or in a general hospital. In a medical detachment infirmary, patients sufficiently ill are sent by ambulance to the station hospital. The rest are treated at the dispensary by infirmarians, who may be in some cases pharmacists. Pharmacists may be called upon to administer venereal prophylaxis treatment, give injections, swab throats, instil nose drops or apply splints. It also is possible for army men who are not pharmacists to do the same things. Not all types of medical detachments necessarily require the services of a pharmacist. The station hospital and general hospital pharmacies are similar to civilian pharmacies, operating on a large scale. Men from the station hospital who are ill or wounded may be sent to a general hospital.

TRADE REPORT

ot quotations for pharmaceutical chemicals, crude drugs and essential oils represent e prices for wholesale quantities of standard quality. C.i.f. quotations do not include arine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, September 9

o developments of outstanding importce have occurred in the London drug and emical markets during the past week. ade has remained exceedingly quiet, but ices of most items are firmly maintained. e Ministry of Supply has now issued the ntrol of Mercury (No. 10) Order, 1942, ich substitutes a new schedule of maxium prices of MERCURIALS for that coined in the Control of Mercury (No. 5) rder, 1941. The new Order came into eration on September 8, and copies will due course be obtainable from H.M. ationery Office, Kingsway, London, W.C.2 rice 1d.). Inquiries should be addressed the Miscellaneous Chemicals Control, Grosvenor Gardens, London, S.W.1. here is nothing of interest to report in the her PHARMACEUTICAL CHEMICALS, which ve again moved along slowly, with busiss in some commodities restricted by the pply situation.

rude Drugs

Reports indicate that business in crude ugs has again been on the slow side, with e price position firm throughout. For GAR, good demand has been received, to eet which, though supplies are severely stricted, sufficient "free" material seems have been found. A few parcels of Cape LOES are reported afloat; the price on rival will be not less than the present ot quotation. Practically all available pplies of ANTIMONY are being used for sential purposes. BALSAM PERU is being sked for, and prices are tending dearer. UCHU remains firm at the last-mentioned rices. All Lease-Lend supplies of CASCARA AGRADA are understood now to have been aken up. CLOVES are steady at the small dvance noted last week. ERGOT is somehat neglected, and the shipment price is asier. Firm conditions obtain for IPECACUANHA, and most of the B.P. Minas eems to have been consumed; shipment rices of Matto Grosso show considerable ariations, and one cable is reported to have nentioned a figure much in excess of recent ates. An ordinary routine trade is passing n MENTHOL. RHUBARB is quiet but steady. Supplies of SAPONIN are available on spot. Quiet conditions have again obtained for imported SEEDS, with most prices nominal. SENEGA is reported a shade dearer in some quarters. Ample supplies of SENNA are stated to be available, the leaves being in particularly good supply. No change is recorded in the London prices of SHELLAC. Little demand is being received for TURMERIC. Some afloat parcels of WITCH HAZEL LEAVES are offered at slightly below current spot prices.

Essential Oiis

The oils position has shown practically no change during recent weeks. Prices of available stocks have become more or less stabilised, and noteworthy fluctuations are few. A difficult supply position prevails for certain oils, with little likelihood of improvement in the near future. Supplies of ANISE (STAR) remain difficult to locate, and the high prices ruling of late show no reduction. A few odd lots of white CAMPHOR may still be found on spot. English distillers' prices for CLOVES are without change. Both Chinese and Japanese PEPPERMINT oils have been in demand during the week, and sales of the former are reported at high prices. Price changes among the SYNTHETICS and ISOLATES are fewer than usual; supplies, however, continue limited, and in some cases these materials are not available for non-essential purposes.

Exchange Rates on London

The principal exchange rates are unchanged, as follows: Bank of England fixed: New York, 4·03 dollars; Montreal, 4·45 dollars; Netherlands West Indies, 7·60 florins; Lisbon, 100 escudos; Stockholm, 16·90 kroner; Zurich, 17·35 francs; Buenos Aires, 17·02 paper pesos. The Madrid peseta is at 40·50 to the £1, and the Chinese National dollar is at $3\frac{1}{32}$d.

Pharmaceutical Chemicals

ASPIRIN.—Makers' prices per lb. for material in cwt. quantities are as follows (containers in brackets): 3s. 4½d. (1 lb.); 3s. 2¾d. (4 lb.); 3s. 2¼d. (7 lb.); 3s. 2d. (14 lb.); 3s. 1½d. (28 lb.). Single lb. containers are priced as follows: From 1 lb., 4s. 3½d.; from 4 lb. (4s. 2½d.); from 7 lb. (4s. 1½d.); from 14 lb., 4s. 0½d.; from 28 lb., 3s. 11½d. TABLETS.—Under 5,000, 3s. 5d.; 5,000, 3s. 3d.; 10,000, 3s. 2d.; 25,000, 3s.; 50,000, 2s. 11d.; 100,000, 2s. 10d.; 250,000, 2s. 9½d.; 500,000, 2s. 9d.; 1,000,000, 2s. 8d.; 2,000,000, 2s. 7d. per 1,000.

ATROPINE.—Makers' current rates are: ALKALOID, 29s. per oz.; 4 oz., 28s. 6d.; and 25 oz., 28s. per oz. SULPHATE, 23s. per oz.; 4 oz., 22s. 6d.; and 25 oz., 22s. per oz. Package charges are: Bottles, corked, under 1 oz. or 25 gm., 4d.; 1 oz. or 25 gm., 4½d.; 2 oz. or 50 gm., 5d.; 4 oz. or 100 gm. and over, included; bottles, stoppered, under 1 oz. or 25 gm., 7d.; 1 oz. or 25 gm., 7½d.; 2 oz. or 50 gm., 8d.; 4 oz. or 100 gm. and over, included; tubes, 5-gr., 10-gr., 15-gr. or 1-gm., all 17s. 6d. per 100 tubes.

BENZOIC ACID.—Limited supplies are available for medical purposes at around 2s. 6d. to 3s. per lb., according to quantity.

BISMUTH SALTS.—Makers' prices are steady:

Salt	Under 4 lb.	4 lb. and under 8 lb.	8 lb. and under 28 lb.	28 lb. and under 1 cwt.	Not less than 1 cwt.
	s. d.	s. d.	s. d.	s. d.	s. d.
Carbonate ..	11 3	10 9	10 0	8 7	8 4
Citrate ..	13 4	12 10	12 1	10 4	10 1
Nitrate, cryst.	7 7	7 1	6 4	5 7	5 4
Oxide	15 4	14 10	14 1	12 0	11 9
Salicylate ..	11 9	11 3	10 6	9 0	8 9
Subchloride	14 11	14 5	13 8	11 8	11 5
Subgallate ..	13 6	13 0	12 3	10 9	10 6
Subnitrate ..	9 11	9 5	8 8	7 6	7 3

Rebate of threepence per lb. allowed off 1-cwt. prices on sales of not less than 2 cwt., or against contracts of not less than 2 cwt., provided whole of contract quantity is ordered within three months. Contracts subject to rise-and-fall clause. Prices net: payment in fourteen days. For quantities of 28 lb. and upwards, in the home trade, an extra charge of threepence per lb. is made for 1-lb. cartons and 1-lb. parcels, even when repacking into cartons or parcels is effected by purchaser. Smaller quantities than 28 lb. are not subject to this extra charge. Under present conditions all prices and sale terms are without engagement.

BORAX.—The following are makers' prices for B.P. quality: Granulated, £39 10s. per ton; crystal, £40 10s.; and powder, £41; packed in one-cwt. bags, delivered carriage paid in Great Britain, in one-ton lots and upwards. Commercial grades, £8 per ton less.

BORIC ACID.—Makers quote as follows: B.P., granulated, £60 15s.; crystal, £61 15s.; and powder, £62 15s.; packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards. Commercial grades, £8 per ton less.

BROMIDES.—Makers' prices for cwt. lots of POTASSIUM are as follows (containers in brackets) 3s. 0½d. (1 lb.); 2s. 10¾d. (4 lb.); 2s. 10¼d. (7 lb.); 2s. 10d. (14 lb.); 2s. 9½d. (28 lb.). SODIUM, one penny per lb. extra; AMMONIUM, threepence per lb. extra.

COCAINE.—British makers' current wholesale prices are as follows: HYDROCHLORIDE and NITRATE, 25 oz. and over, 35s. 8d.; 16 oz. and less than 25 oz., 36s. 10d.; over 8 oz. and less than 16 oz., 38s. per oz. ALKALOID, CITRATE, and SALICYLATE, 25 oz. and over, 39s. 1d.; 16 oz. and less than 25 oz., 40s. 4d.; over 8 oz. and less than 16 oz., 41s. 7d. per oz., 16-oz. packages free, smaller packing extra. The of prices applicable to distributors of sm quantities is as follows: HYDROCHLORIDE NITRATE, 8 oz., 40s.; 4 oz. and less than 7 40s. 7d.; 2 oz. and less than 4 oz., 41s. 1 oz. and less than 2 oz., 42s. 7d.; ½ oz. less than 1 oz., 44s. 2d.; ¼ oz. and less ½ oz., 47s. 3d. per oz. ALKALOID, CITRATE SALICYLATE, 8 oz., 43s. 5d.; 4 oz., and less 8 oz., 44s.; 2 oz. and less than 4 oz., 44s. 1 1 oz. and less than 2 oz., 46s. 2d.; ½ oz. and than 1 oz., 47s. 9d.; ¼ oz. and less than ½ 50s. 10d. per oz., packages extra. Re-s Sales are subject to buyers' undertaking no re-sell any quantity below scale current at of re-sale. Export prices vary according destination.

CITRATES.—Makers' prices for POTASS B.P., are given in table below, and price SODIUM, B.P., are at one penny lb. below, IRON and AMMONIUM (SCALES), B.P., at th pence per lb. above the tabulated prices :—

Quantity	In containers of				
	1 lb.	4 lb.	7 lb.	14 lb.	28
	s. d.	s. d.	s. d.	s. d.	s.
Under 4 lb.	3 6	—	—	—	
From 4 lb. ..	3 5	3 3½	—	—	
From 7 lb. ..	3 4	3 2½	3 1¾	—	
From 14 lb.	3 3	3 1½	3 0¾	3 0½	
28 lb. to 1 cwt.	3 2	3 0¼	2 11¾	2 11½	2

Prices net. All packages charged extra. It is a cond of sale that buyers shall not re-sell at prices below values given.

CODEINE.—Makers' prices are as follo ALKALOID, 4 oz., 38s. 3d. per oz., PHOSPH 4 oz., 31s. 3d. per oz.

ETHERS (METHYLATED).—Details of mak prices were given in the *C. & D.*, August 22, p.

GLYCERIN.—Prices for small quantities as follows: 1-cwt. drum, 86s. per cwt.; 56 tin, 94s.; 28-lb. tin, 97s.; 14-lb. tin, 100s. cwt. Subject to discount of 2½ per cent. twe eight days.

GUAIACOLS.—Reasonable supplies of C STALS and CARBONATE are stated to be availa at prices ranging from 13s. to 14s. per according to quantity.

HEXAMINE.—Free-running crystals, in c lots, about 2s. 3d. per lb.; fine crystals, ab 2s. per lb.

IODINE PREPARATIONS.—The following makers' current quotations: POTASSIUM, B 112 lb., 9s.; 28 lb., 9s. 6d.; 14 lb., 10s.; 7 11s. 6d.; 4 lb., 12s.; smaller quantities, 12s. SODIUM, B.P., 28 lb., 9s. 11d.; 14 lb., 10s. 5 7 lb., 12s. 2d.; 4 lb., 12s. 10d.; smaller qu tities, 13s. 8d. IODOFORM, B.P. (powder), 28 12s. 6d.; 14 lb., 13s.; 7 lb., 15s. 2d.; 4 16s.; smaller quantities, 16s. 10d.; (cry 28 lb., 14s. 6d.; 14 lb., 15s.; 7 lb., 17s. 2 4 lb., 18s.; smaller quantities, 18s. 10d. IODI RESUBLIMED, B.P., 112 lb., 10s. 4d.; 28 10s. 10d.; 14 lb., 11s. 4d.; 7 lb., 13s. 1

b., 13s. 9d.; smaller quantities, 14s. 6d. All ces net. Any quantity delivered carriage id in Great Britain.

MERCURY IODIDES.—Unchanged at the ently advanced prices: RED, less than 7 lb., s. 8d. per lb.; not less than 7 lb., 20s. 2d.; t less than 14 lb., 19s. 8d. GREEN, less than b., 26s. 8d. per lb.; not less than 7 lb., s. 2d.; not less than 14 lb., 25s. 8d. YELLOW, s than 7 lb., 28s. 1d.; not less than 7 lb., s. 7d.; not less than 14 lb., 27s. 1d. per lb. t, carriage paid.

MERCURIALS.—A new scale of prices fixed the Ministry of Supply came into operation September 7, but it has not been found ssible, up to the time of going to Press, to tain details of the new rates, either from e Ministry or from H.M. Stationery Office.

METHYL SALICYLATE.—Steady at the recent vance of one penny per lb.: Five cwt., 1s. d. per lb.; one cwt., 1s. 11½d.; smaller lots, bottles, 2s. 1½d. per lb.

PILOCARPINE.—Makers' current prices per . are as follows:—

	1 oz.	4 oz.	25 oz.
	s. d.	s. d.	s. d.
locarpine base	27 0	26 6	26 0
locarpine hydrochloride	21 3	20 9	20 3
locarpine nitrate ..	18 6	18 0	17 6

POTASSIUM PERMANGANATE.—Makers' prices ntinue at: B.P., in 1-cwt. drums—From cwt., 1s. 10d. per lb.; from 3 cwt., 1s. 9½d. echnical, in 1-cwt. drums—From 1 cwt., 7os. 6d. per cwt.; from 3 cwt., 166s.; from cwt., 163s. 6d.; from 1 ton, 161s.; from 4 ns, 158s. 6d. Technical, in 5-cwt. drums.—rom 5 cwt., 161s. per cwt.; from 1 ton, 58s. 6d.; from 4 tons, 156s. 3d. Net, delivered earest railway station in Great Britain, drums xtra and returnable.

SALICYLIC ACID (B.P.).—Makers' prices have een advanced by one penny per lb.:—

n containers of	1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb.	2 9½	—	—	—	—
rom 4 lb. ..	2 8½	2 6¾	—	—	—
rom 7 lb. ..	2 7½	2 5¾	2 5¼	—	—
rom 14 lb.	2 6½	2 4¾	2 4¼	2 4	—
8 lb.–1 cwt.	2 5½	2 3¾	2 3¼	2 3	2 2½
–5 cwt. ..	2 1½	1 11¾	1 11¼	1 11*	1 10½

* 8×14 lb. and upwards, in one delivery, ½d. per lb. ess. Prices include parcels or collapsible cartons; other ackages charged extra. Prices subject to buyer's under-aking not to re-sell any quantities at prices or terms elow scale current at time of re-sale.

SANTONIN.—No change has been notified in ome trade prices: 15 kilos and over, £46 10s.; ot less than 10 kilos, £47 5s.; not less than 5 kilos, £48 5s.; less than 5 kilos, £50 per kilo, elivered free in the United Kingdom; 1-kilo ackages free.

SODIUM SALICYLATE.—Makers' prices steady at recent advance of 1½d. per lb.:—

Quantity	In containers of 1 lb.	4 lb.	7 lb.	14 lb.	28 lb.
	s. d.	s. d.	s. d.	s. d.	s. d.
Under 4 lb.	3 3	—	—	—	—
From 4 lb. ..	3 2	3 0½	—	—	—
From 7 lb. ..	3 1	2 11½	2 10¾	—	—
From 14 lb.	3 0	2 10¼	2 9¾	2 9½	—
From 28 lb.	2 11	2 9½	2 8¾	2 8½	2 8
From 1 cwt.	2 6	2 4½	2 3¾	2 3½*	2 3
From 5 cwt.	2 5½	2 3¾	2 3¼	2 3*	2 2½
1 ton	2 5	2 3¼	2 2¾	2 2½*	2 2

* 8×14 lb. and upwards, in one delivery, ½d. per lb less. Prices include parcels or collapsible cartons; other packages charged extra. Prices subject to buyer's undertaking not to re-sell any quantities at prices or terms below scale current at time of re-sale.

STRYCHNINE SALTS.—As noted recently British makers' prices per oz. for home trade have been increased by 6d. Current prices are as follows:—

Compound	Under 100 oz.	100 oz. and under 500 oz.	500 oz. and over
	s. d.	s. d.	s. d.
Alkaloid, crystalline ..	3 6	3 4½	3 3
Alkaloid, precipitated	3 6	3 4½	3 3
Acetate	3 8½	3 7	3 5½
Arsenate	3 7	3 5½	3 4
Arsenite	3 8½	3 7	3 5½
Bisulphate	2 10½	2 9	2 7½
Hydrochloride ..	3 3½	3 2	3 0½
Hypophosphite ..	6 0	5 10½	5 9
Nitrate, crystalline ..	3 3½	3 2	3 0½
Nitrate, powder ..	3 3½	3 2	3 0½
Nitrate, powder, No. 2	2 9	2 7½	2 6
Phosphate	4 1½	4 0	3 10½
Sulphate, neutral, crystalline	3 0	2 10½	2 9
Sulphate, neutral, powder	3 0	2 10½	2 9
Sulphate, neutral, powder No. 2	2 7	2 5½	2 4

25-oz. containers and outer cases free; smaller packages extra. Contracts may be booked for quantities of 100 oz. and over, with rise-and-fall clause, for a period of six months. Terms net thirty days. Wholesale distributors' prices for small quantities would be dearer.

TANNIC ACID.—Supplies are restricted; price about 7s. 6d. per lb.

THEOBROMINE.—Limited quantities of British made materials are stated to be available at the following prices (cases and tins extra when supplied):—

	56 lb. to 1 cwt.	28 lb. to 56 lb.	Lesser quantities
	lb. s. d.	lb. s. d.	lb. s. d.
Alkaloid . . .	44 6	46 0	47 6
Sodium benzoate .	27 0	28 6	30 0
Sodium salicylate .	27 10	29 4	30 10
Calcium salicylate .	36 9	38 3	39 9

Crude Drugs

Agar.—Rather more demand has been noted for unrestricted, and a few odd bales have been found at about 70s. per lb. Material for bacteriological use may be had at between 25s. and 30s. per lb.

Aloes.—Cape is unchanged on spot at about 65s. per cwt.; a few parcels afloat will be limited to that figure on arrival. Shipment offers of Curaçao remain at about 450s. per cwt., c.i.f.

Annatto seed.—Spot supplies of Indian are available at around 4½d. per lb., ex store.

Antimony.—Practically all available material is being used for essential purposes. Prices are as follows: English minimum 99 per cent. regulus, £120 per ton, delivered; 70 per cent. crude, £100 per ton, delivered.

Arsenic.—Maximum selling prices of Canadian crude in the United Kingdom were given last week (p. 256).

Balsams.—Rather more inquiry for *Peru*, which would now be worth 7s. 9d. to 8s. per lb. on spot. Other varieties unchanged, as follows: *Tolu*, spot, 9s. 6d. per lb.; *Canada*, 8s. 6d. per lb.; *Copaiba*, B.P., in short supply.

Belladonna.—Indian root on spot would be worth around 460s. per cwt.

Benzoin.—Slow of sale at from £16 to £20 per cwt. for ordinary grade, according to quality and seller. Free almondy, spot, from £30 to £35 per cwt. in small lots.

Bismuth metal.—High-grade metal is quoted at 6s. 3d. per lb. for minimum 5-cwt. lots.

Buchu.—Firm at the last-quoted prices. Spot, fair green rounds, approximately 6s. 3d. per lb.

Calumba root.—Good washed root, on spot, from 185s. to 190s. per cwt.

Camphor.—Moderate business has been done at the prices noted last week. Chinese, B.P., 11s. 6d. per lb.; crude (92 per cent.), 10s. per lb.; Japanese slabs, about 11s. 6d. per lb. Limited supplies of English synthetic B.P. are understood to be available to approved buyers at about 7s. 6d. per lb.

Cardamoms.—Extremely quiet conditions obtain. Prices are as follows: Aleppy greens, spot, about 5s. 6d. per lb.; shipment, 4s. 3d. per lb., c.i.f. Aleppy seed, spot, about 5s. 9d. per lb.; shipment, 5s. to 5s. 3d. per lb., c.i.f. Split seed, spot, about 4s. 6d. per lb.

Cascara sagrada.—Supplies of bark imported under the Lease-Lend arrangement are understood to have been distributed.

Chillies.—Quotations remain unchanged on the week. Spot, Zanzibar, 150s. per cwt.; Mombasa, 150s.; Sierra Leone, 150s.

Cloves.—Steady, with no quotable price changes. Zanzibar, spot, 1s. 7½d. per lb., sellers; grade 2, afloat, 1s. 4d. per lb., c.i.f. Madagascar, unquoted.

Cocoa butter.—Price is controlled at 1s d. per lb., ex factory or warehouse, except e sold under licence.

Coconut (desiccated).—The official remains 49s. per cwt.

Colchicum.—Indian corms, spot, from 2 d. to 3s. per lb., according to quantity and se

Dandelion root.—Imported root on t about 140s. per cwt.

Digitalis leaves.—Good-testing Portu s on spot, about 125s. per cwt.

Dragon's blood.—Re-boiled is practi ly unobtainable. Small supplies of dull Zan a drops may be had on spot at around £2 £21 per cwt., and some seedy lump at a £30 per cwt.

Ergot.—Very little business passing in i article. Spot, from about 5s. 9d. to 6s. per shipment easier at 5s. 9d. per lb., c.i.f.

Galangal.—Available on spot at 90s to 95s. per cwt.

Ginger.—Quotations are nominal, pen g the fixing of prices by the Ministry of F d. West African, spot, 200s. per cwt.; Co n, unwashed, spot, 200s.; Jamaica No. 3, s t, 230s.

Grains of paradise.—Stocks are meagre d would fetch about 1s. 10d. per lb. on spot.

Guaiacum.—Natural good glassy is off d on spot at around 5s. 9d. per lb.

Gum acacia.—Kordofan cleaned sorts, s t, about 135s. per cwt.; afloat, 110s., la d terms; shipment, 70s. per cwt., c.i.f. A moderate quantity of bleached is availabl o consuming manufacturers at 145s. per c ex warehouse London.

Honey.—For particulars of revised p e schedules for first-hand and wholesale tran tions, see *C. & D.*, May 9, p. 527.

Hydrastis.—Imported under the Le Lend arrangement and sold to users at 22s. per lb., ex store, with an additional small ch e for repacking.

Ipecacuanha.—Very firm. Minas, in rower compass on spot, would be worth f 12s. 6d. to 13s. per lb., according to test; s ment, September–October, about 11s. 6d. lb., c.i.f. Matto Grasso, spot, firmly hel t about 18s. to 18s. 6d. per lb.; shipment pr s vary considerably. Current prices for I ipecac. liq. were given last week (p. 257).

Jaborandi.—Spot supplies are obtainabl t around 60s. per cwt., ex store.

Jalap.—Brazilian, 13 per cent., is offered spot at 95s. per cwt.

Kamala.—Six per cent. is offered on s t at 2s. per lb.

Liquorice root.—East Indian is offered 70s. per cwt., ex warehouse Hull.

Menthol.—Ordinary routine business passing at about the prices last quoted. Chin spot, 72s. 6d. to 75s. per lb., according to sel Japanese, 75s. per lb., nominal.

ERCURY.—Full particulars of current official es, which range from £68 10s. to £69 15s. bottle for quantities over 7 lb., were given he *C. & D.*, August 1, p. 131.

YRRH.—Supplies are restricted. Aden sorts pot would be worth about £18 per cwt.

UX VOMICA.—Sales are moderate. Cochin, ned and garbled, spot, about 45s. per cwt.

LIBANUM.—Pale pea-size on spot would be h approximately 150s. per cwt.

RANGE PEEL.—Spot supplies are not plenti- Thin-cut and quarters would be worth it 3s. 3d. per lb.

APAIN.—Nominal on spot at 16s. per lb.

EPPERS.—Maximum official price of whole e Muntok, not picked over or cleaned, is er lb. in bond; whole black Lampong, in a lar condition, is 5d. per lb. in bond.

IMENTO.—Buyers on spot at 2s. 7d. per lb.; ment, unquoted.

ODOPHYLLUM ROOT.—Spot supplies of 15·3 cent. are obtainable at 85s. per cwt.

SYLLIUM SEED.—Indian available on spot bout 1s. 3d. per lb., ex store.

YRETHRUM.—Kenya, spot, about 2s. per

UILLAIA BARK.—Natural bark, on spot, from s. to 110s. per cwt.; crushed or cut available spot at 125s. per cwt.

HUBARB.—Quiet conditions obtain, with no table price changes. Spot, good-quality gh-round, from 7s. 6d. to 7s. 9d. per lb.; er grades, about 7s. per lb. Shensi, spot, n 9s. 6d. to 10s. per lb.

APONIN.—Spot, 7s. 6d. per lb., ex warehouse erpool; shipment, 6s. 6d. per lb., c.i.f.

ARSAPARILLA.—Not a lot available. Native lish, spot, firm at around 3s. 1½d. to 3s. 3d. lb.

EEDS.—Quiet, with most prices nominal. ces are as follows: ANISEED.—No supplies available, but replenishments are expected. NARY.—None available. CARAWAY.—No plies are available. CORIANDER.—Indian, t, none available at present; English, ted at 220s. CUMIN.—Malta, 165s., duty ; Indian, 165s. DILL.—Spot, quoted at s. FENNEL.—Indian, business done on spot 105s., duty free. FENUGREEK.—Nothing ilable. MUSTARD.—English, 140s. to 150s. cwt., according to quality.

ENEGA.—Spot price remains in the region of 6d. to 7s. 9d. per lb., but some quarters are orted to be asking 8s.

ENNA.—Supplies, particularly of leaves, are ly good, but business is not important. is: Tinnevelly, good hand-picked, spot, to 1s. 4½d. per lb.; ordinary, from about d. to 1s. 2d. per lb.; f.a.q., 7d. to 10d. per ex store; Alexandrian, fair to medium, 9d. to 4s. per lb. Leaves: Tinnevelly, from . to 1s. per lb., according to size and colour; xandrian, broken, 1s. 3d. to 1s. 4d. per lb.

SHELLAC.—Business quiet; prices unchanged. Standard TN orange, spot, 200s. per cwt., value. Pure button, unquoted; fine orange, 240s. to 290s. quoted.

SLIPPERY ELM BARK.—Most of the Lease-Lend material has been distributed. Price to users is 1s. 6d. per lb., ex store.

STRAMONIUM LEAVES.—Supplies are not plentiful at present. Indian, spot, about 105s. per cwt., ex store.

STROPHANTHUS.—In small routine demand. 100 per cent. Kombé seed, spot, from 10s. 6d. to 11s. per lb., according to quantity. It may be possible to obtain some 80 per cent. the cost of which would be less.

TONKA BEANS.—Angostura, spot, available at about 17s. per lb.

TRAGACANTH.—Conditions remain firm. Current prices of medium grades are as follows: No. 1, white, £137; No. 2, white, £118; No. 3, white, £105; No. 4, white, £90; pale leaf, £80; amber leaf, £70; red and brown leaf, £47; red leaf, from £42; woody and hoggy, from £18, ex store.

TURMERIC.—Little demand is being received. Spot, Madras finger, sound quality, 70s. per cwt., nominal; wormy, 67s. 6d.

VALERIAN ROOT.—Indian, spot, from 110s. to 120s. per cwt., according to quantity. When present stocks are exhausted, replenishments are unlikely to be obtainable.

WAXES.—Quiet and unchanged. BEES'.—Unquoted. CARNAUBA.—Fatty grey, 510s. per cwt.; chalky grey, 500s.; Primeira, 585s.

WITCH HAZEL LEAVES.—Spot, 1s. to 1s. 3d. per lb., according to quantity. Some afloat parcels are offered at slightly less.

Essential and Expressed Oils

ANISE (STAR).—Supplies of genuine Red Ship are difficult to find on spot. Prices of any available oil would be as follows: Drums, 53s. to 54s. per lb.; tins in cases, about the same figures.

BAY.—Quiet and unchanged at around 12s. to 13s. per lb., according to quantity.

BERGAMOT.—About 100s. per lb. would be the basic value of genuine oil, and business in any available supplies would be negotiated on this basis.

BOIS DE ROSE.—Spot value unchanged at around 35s. per lb.

CAJUPUT.—Firm at the last-quoted figure of 15s. to 16s. per lb., according to quantity.

CAMPHOR (WHITE).—It may still be possible to obtain a few odd drums on spot at between 500s. and 550s. per cwt., duty paid.

CANANGA.—In poor supply. Genuine oil on spot, between 70s. and 80s. per lb.

CASSIA.—Only meagre supplies available. Spot, good-quality oil, from about 60s. to 70s. per lb.

CEDARWOOD.—Spot, nominal at 6s. 6d. per lb.

CINNAMON LEAF.—Steady on spot at around 15s. per lb.

CLOVE.—Prices quoted by English distillers remain at between 15s. and 16s. 6d. per lb., according to quantity and seller.

EUCALYPTUS.—Supplies are restricted. Spot, approximately 5s. 3d. per lb.

FENNEL.—Sweet available on spot at about 30s. per lb.

GERANIUM.—Business in any available spot supplies would be by negotiation, with 80s. per lb. as a possible basis.

GINGERGRASS.—Spot supplies are available at around 25s. per lb.

GROUNDNUT.—The official fixed price of refined deodorised is without change at £44 10s. per ton, naked ex works.

PALMAROSA.—Some spot supplies are available at about 35s. per lb.

PATCHOULI.—Spot, nominal at 70s. per lb.

PENNYROYAL.—From 30s. to 35s. per lb. would be wanted for any available spot supplies.

PEPPERMINT.—Good demand has been experienced for both Chinese and Japanese oils, with some spot business reported done in the former at 85s. per lb.; it is doubtful, however, if any further supplies could be located at this price.

PETITGRAIN.—Spot, about 24s. to 25s. per lb.

PINE.—Official price of oil imported by the Ministry of Supply was given in the *C. & D.*, August 22, p. 209.

TURPENTINE.—Price of gum and wood spirits of turpentine, as imported by the Ministry of Supply, were given in the *C. & D.*, August 22, p. 209.

Synthetics and Isolates.—Supplies continue very limited and in some cases they are not available for non-essential uses. Difficulty may be experienced in obtaining supplies for perfumery purposes. AMYL ACETATE.—Pure, about 130s. per cwt.; technical, 109s. per cwt.; small quantities, up to 2s. per lb. AMYL CINNAMIC ALDEHYDE.—About 25s. per lb. AMYL SALICYLATE.—About 5s. per lb. BENZYL ACETATE.—6s. per lb. BROMSTYROL.—100 per cent., 22s. per lb. CINNAMIC ALDEHYDE.—Quoted at about 7s. 6d. to 8s. per lb. CITRAL.—Chemically pure, 72s. 6d. per lb. CITRONELLAL.—About 40s. per lb. CITRONELLOL.—About 45s. per lb. COUMARIN.—17s. 6d. per lb. ETHYL PHTHALATE.—No quotations. EUCALYPTOL.—About 13s. per lb. EUGENOL.—About 26s. per lb. GERANIOL.—Ex Java, about 60s. per lb. GERANYL ACETATE.—About 65s. per lb. IONONE.—100 per cent., about 80s. per lb.; alpha, about 100s. per lb. ISOEUGENOL.—About 28s. per lb. LINALOL (ex bois de rose).—About 60s. LINALYL ACETATE (ex bois de rose).—About 65s. per lb. METHYL ANTHRANILATE.—Prices would be a matter for negotiation. MIRBANE.—10d. to 1s. 3d. per lb., according to quantity. MUSK KETONE, MUSK XYLOL, and MUSK AMBRETTE.—Prices would be a matter for negotiation. NEROLIN.—Prices would be a matter for negotiation. TERPINEOL.—About 4s. to 4s. 6d.

CORRESPONDENCE

Correspondents may adopt an assumed name but must in all cases furnish their real name and address to the Editor

Appreciations

Many thanks for yours. . . . I feel sur you are right. . . . When in doubt w always write to the *C. & D.*—A. G. & SON LTD., Chesterfield.

We thank you very much for the troubl you have taken to help us, but, indeed this is not an isolated instance, becaus when we are in any difficulties, or requir advice, we ring you up, and your staff ar always most kind and helpful. A.-A. S. Co (S.A.) Ltd., London, E.C.2.

When we read of the enemy raid o Bath I remarked to my wife, "I hop the *C. & D.* has escaped," and it is with dee regret that I gather from your issue o May 2 that your premises were blitzed However, that your staff escaped injury i a matter for sincere congratulations, an these I hasten to offer in addition to th hope that they will continue to be spare to carry on the good work till the *Luftwaff* cease from troubling.—J. D., South Africa

MISCELLANEOUS INQUIRIES

Wages.—*Inquirer.*—If you send you name and address to the Editor you communication will receive attention.

Enteric Coatings.—*A. G.*—The followin are suggested formulas:—

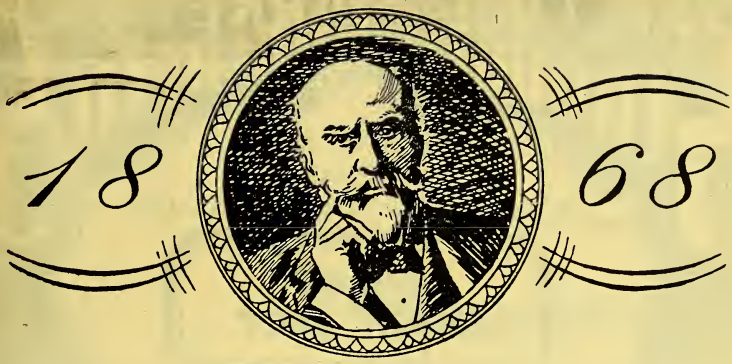
1. Salol	..	20 gm.
Shellac (white)	..	30 gm.
Ether	..	30 c.c.
Absolute alcohol	..	qs ad 100 c.c.
2. Cetyl alcohol	..	10 gm.
Mastic	..	10 gm.
Acetone	..	100 c.c.

Sulphathiazole Cream.—*H. T.*—A for mula which would give you a preparatio of the nature you have in mind is as follows Incorporate 5 per cent. of sulphathiazol into a base composed of:—

Liquid paraffin	15
Stearic acid	5
Lanolin	5
Glyceryl monostearate	12
Soft paraffin	20
Water	to 100

Mix all the ingredients by heating to gether and stir until homogeneous. Add th sulphathiazole when cool.

THOMAS CHRISTY, FOUNDER



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To our Wholesale and Retail friends

Many and varied are the obstacles in the way of present-day production and marketing but we feel sure you appreciate our difficulties. We know that you, too, have your troubles — our representatives never tire of telling us about them.

A great many things are responsible for the delay in the execution of your orders.

You know what they are — an ingredient becomes unobtainable and we are forced to find a substitute; re-arrangement of formulæ, necessitating experiments; procuring alternative containers or bottles according to availability of supplies, quite apart from the shortage of labour, packaging, etc.

The position is not helped by recent legislation affecting label wordings for both Pharmaceutical and Toilet articles.

Nevertheless we wish to assure all our customers that everything possible is being done to expedite deliveries having regard to war-time limitations.

Your orders have not been overlooked but are carefully recorded and are being dealt with in strict rotation.

Our recent announcement in this Journal gave information regarding the position of certain of our products and we hope that this and further particulars we shall give shortly will save our customers time and correspondence.

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Oil Euc. Citriodora	Oil Euc. Phellandra

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PROMULSIN WAX

A new synthetic emulsifying wax

In response to numerous requests from users of PROMULSIN emulsifying agents,* a new synthetic wax has been evolved in our laboratories which is introduced under the name PROMULSIN WAX. This is a pale yellow, neutral, almost odourless material of extreme purity, specially designed for producing water-in-oil emulsions. It has a wide field of application in pharmaceutical and cosmetic products, for creams, lotions, benzyl benzoate emulsions, etc.

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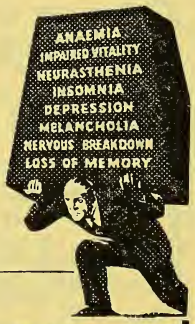

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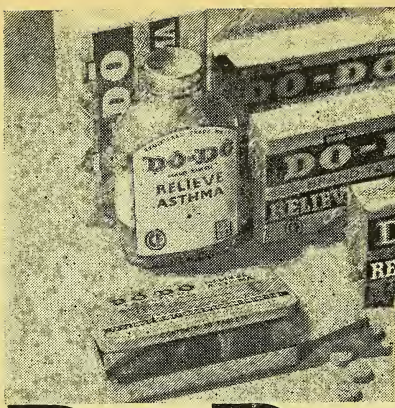

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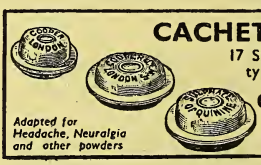
thank their customers for their patience and forbearance during these difficult times, and assure them that every effort is being made to supply quickly lines which they have previously purchased



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Adapted for Headache, Neuralgia and other powders

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With Guaranteed Complement of Vitamins A,

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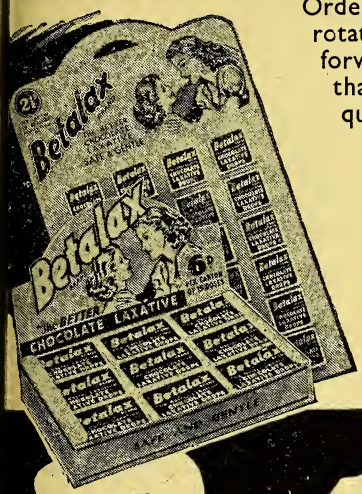
We know our BETALAX deliveries are somewhat delayed. The demand for this even-dose Chocolate Drop Laxative is at an unprecedented height, and this ct, combined with the inevitable shortage of raw material and labour, renders the supply position a little difficult. Orders are being dealt with in strict rotation, and we can still book orders for forward delivery; we regret, however, that some delay on current orders is quite unavoidable for the present.



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Betalax 6's (on card)	Trade 18/- per gross (Sub. Tax at 16⅔%) Public 2½d. per carton of 6 drops (Inc. Tax).
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THE NEW-PROCESS

CHOCOLATE LAXATIVE

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ALL WORK - AND NO PAY!

Oakum-picking—as a pastime for convicts—has been discontinued. But there are still forms of hard-labour practised—especially by druggists—for which the financial gain is relatively the same.

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"HORMONOXOID"

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TABLETS

A pluriglandular preparation for the stimulation of the Endocrine Glands. Suitably prescribed in cases where the symptoms indicate a disturbance of the normal functioning of the glands.

Corrects menstrual irregularities and relieves distress during the menopause.

Bottles of 25, 100, 250, 500 and 1,000 Tablets.

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Cod Liver Oil in nutrition

efore the war leading Medical ion at home and abroad agreed even then a daily teaspoonful of Liver Oil was needed to supple- t the diets of infants, children, lescents, and nursing and expec- mothers. The pre-war *Report he Physiological Bases of Nutrition* 6, setting down these conclusions recommendations was endorsed our own Ministry of Health and British Medical Research ncil.

ince the outbreak of the war the istry of Food have taken steps, h their Cod Liver Oil Distribu- Scheme, to ensure that adequate plies are to-day within the reach oung children.

ut the Ministry of Food Scheme ds the active co-operation and support of the Pharmaceutical Profession in recommending mothers to take advantage of these facilities and in getting them to appreciate the importance and value of Cod Liver Oil in pre-natal care and throughout childhood and adolescence.

For those outside the scheme, and also for those who prefer freedom of choice, SevenSeaS pure Cod Liver Oil is available in all chemists' shops throughout the country. There is no shortage of SevenSeaS, and its quality and purity remain unimpaired. The Pharmaceutical Profession is, however, reminded *that orders should be placed at least two or three months ahead of actual needs*, as the difficulties of packing and delivery are greater than ever before.

Issued by BRITISH COD LIVER OIL PRODUCERS (HULL) LTD., ST. ANDREW'S DOCK, HULL

BRAND'S BABY FOODS

are approved by both mothers and babies

DELICIOUS ready-strained vegetables — fresh and smooth and creamy — babies simply love these new baby foods of Brand's!

And because they're scientifically prepared to retain all the valuable mineral salts and vitamins, they are actually *far better* for babies than home-prepared vegetables!

Brand's Baby Foods are choice, fresh vegetables, picked at their prime and steam-cooked *in vacuum*. This method retains the vitamins and minerals far better than home-cooking can.

These ready-strained vegetables in glass bottles represent a tremendous advance in infant-feeding. They are the newest, most up-to-date method of starting babies on a semi-solid diet.

Mothers are being told about them in the women's magazines, *Radio Times* and Sunday newspapers. Your best plan is to get in touch with our representative and tell him your requirements. We are doing our best to ensure a reasonable supply to each retailer.

Varieties at present available: Bone and Vegetable Broth, Strained Carrots, Strained Spinach, Strained Beetroot, Strained Prunes. A further choice will be available later.

RETAIL PRICE 7½d A JAR

READY-STRAINED VEGETABLES IN GLASS BOTTLES

MADE BY THE MAKERS OF BRAND'S ESSENCE

Sulis is a Bri Natural Mine Water compara both in mineral con and palate appeal to German and Fre waters which are practically unobtainabl

This water is taken direct from the Spri at Bath, Britain's Premier Spa, and sold in or aerated form.

SULIS

THE BRITISH MINERAL WATI

Prices, discount and full particulars from CATER, STOFFELL & FORTT, LTD., The Springs,

LOSALL'S SALT

8-oz. tins
NEW RETAIL
2/6
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A LIMITED SUPPLY ONLY of 4-oz tins
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Things have changed since Grandma's days

In those days such eminent pioneers as Bright, Addison, Lister and others were sowing the seeds of modern medical science, the fruits of which the human race is now reaping.

Then women expected to be "in poor health" from forty onwards, for hormone therapy was undiscovered. Today such middle-age discomfort need not be, for present-day medical science has discovered its cause and the remedy. Menopax is an up-to-date medicine for such conditions.

Doctors are now prescribing Menopax, and the pharmaceutical chemist, being a counterpart in the science of healing, should see that he is able to supply the demand.

MENOPAX

A compound Oestrogenic Sedative for Women of Middle-age

Menopax is an unrestricted line and is regularly advertised in National and Provincial Newspapers, Women's Magazines, etc. Retail prices: **2/10, 5/7½,** also **11/3** while supplies last, including Purchase Tax.

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For best direct terms apply to Sole Distributors:

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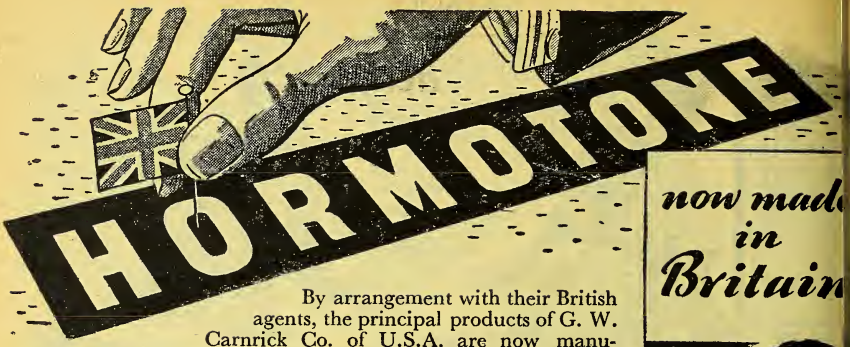

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Supplies available promptly from all Wholesale houses.

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THE IDEAL FRUIT LAXATIVE

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Registered Trade Mark

FOR GENERAL USE IN SKIN DISEASES

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Attractive 2-oz. Pots

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Despite the abnormal conditions prevailing, there will always be an insistent demand for Sherley's Dog Preparations as they are recognised by Owners everywhere as the True Standard of Excellence. It would therefore be wise to stock your shelves to capacity so as not to run the risk of disappointing regular customers. We, on our part, will continue to support retailers to the utmost, and maintain the fullest supplies possible.

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NOFOL .. .. 1/9d. (TAX FREE)

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SEIDLITZ POWDERS

Sweetened and Lemon Flavoured

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Retail 4d. Ordinary Strength
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Your support added to the Government Announcements in the Press will help to stir the public into action against this dangerous enemy of our country. Rats and mice threaten Britain's food supplies and must be destroyed.

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'CALFOS' Tablets

'Calfos,' which is derived from natural sources, supplies calcium and phosphorus in a palatable, concentrated form which ensures absorption in the correct physiological ratio. It thus marks an advance in nutritional therapy of outstanding importance to all who suffer from calcium and phosphorus deficiency.

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[47/23]

The CHEMIST AND DRUGGIST SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

SEPT. 12 1942

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avender	14/- lb.
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Sample Ounce, 2/- post free

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FULL STRENGTH
URGENTLY WANTED
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Finest quality. 100% stable. For all purposes. Jasmin, 19/- 2 oz., 150/- lb. Lavender, 20/- 2 oz., 150/- lb. For creams only: Gardenia, 20/- 2 oz., 150/- lb. For bath salts: Pine, 12/- 2 oz., 70/- lb. Cash with order.
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OTTLES. 200 gross ½-oz. Amber Rounds; 0 gross 2 dr. Amber Vials, white enamel caps th rubber wads to fit. Unused. E.C.O. dustries, Luton Road, Harpenden. Telephone: rpenden 958.

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Phone Ham. 1691

oz. BOTTLES with White Metal Screw Caps, itable for Brilliantine, Wave Set, etc., 36/- per oss. These are packed 2 gross in a strong turnable container, charged 1/-, minimum order elivered 3 cases.
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C. COHEN & SONS, LTD.
55 Leopold Street, LEEDS, 7.

Perfume Bottles: 1 Drop, Bakelite Caps, 1 dram 30s., 1½ dram 36s. gross; ½ oz. 48s. Concentrated Perfumes: Bouquet 110s., Gardenia 80s. Jasmin: 65s. lb.; Rose 75s., Violet 95s. lb. Any One Sample, 1s. 3d. Nail Varnish Bottles, 3 dram, with Brushes, 42s. 1d. gross. Pink Silk-covered Tubes, 1 oz., for Van. Cream, etc., 32s. 6d. gross; ½ oz. 28s. 6d. gross. Sod. Sesquicarb. Feathery Crystals for Water Softener. Bath Crystals, etc., 35s. cwt., 67s. 6d. 2 cwt. White Wax B.P., 6s. lb., 14 lb. 5s. 5d. Willsons, 102 Carr House Road, Doncaster.

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2 oz. PANEL BOTTLES. 30/- Gross. Complete with Screw Caps in 6 Gross Lots only, or Units of 6 Gross.
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7/6 for 40 words or less, 2d. for every additional word.

None of the vacancies for women advertised in our columns relates to a woman between 18 and 30 inclusive unless such a woman: (a) has living with her a child of hers under the age of 14; (b) is registered upder the Blind Persons Act; or (c) has a Ministry of Labour permit to allow her to obtain employment by individual effort.

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ASSISTANT (male or female) required in Dispatch Department of well-known firm of Pharmaceutical Manufacturers in Greenford district. Must be thoroughly experienced in matters affecting transport and packing. Please write giving full particulars to 412/171, London Office of this Paper.

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LONDON Co-operative Society, Ltd., invite applications from Qualified Pharmacists, male or female, for progressive positions in the London area. Apply Pharmacy Manager, 54 Maryland Street, Stratford, London, E.15.

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PHARMACISTS required for the duration, must be exempt from military service. Congenial posts with short hours and no half day or Sunday duty. Send full particulars of age, height, experience and wages required to General Manager, Co-operative Society, Rugby.

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PUBLIC HEALTH DEPARTMENT

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